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March 16, 2006

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station
Boston, MA 02110

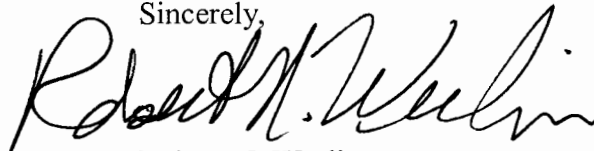
Re: D.T.E. 04-114, Cambridge Electric Light Company and Commonwealth
Electric Company – 2004 Reconciliation Filing

Dear Secretary Cottrell:

Enclosed for filing in the above-referenced matter are the responses to the attachments to the Information Requests set forth on the accompanying list. These changes to the attachments are intended to clarify the cross-references and line numbers contained in the referenced worksheets.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert N. Werlin", written in a cursive style.

Robert N. Werlin

Enclosures

cc: Service List

Responses to Information Requests

Attachment AG-1-17(a)(Supp2)

Attachment AG-1-17(c)(Supp2)

Attachment AG-2-9(e)(Supp2)

Attachment AG-2-9(f)(Supp2)

Sheet: Worksheet 1

Cambridge Electric Light Company
Annual Revenue Requirements of Transmission Facilities
for costs in 2004
Network Integration Transmission

LNS Revenue Requirements

Worksheet 1 of 10

		Attachment H		
		Reference	Cambridge	Reference
Line	I. INVESTMENT BASE	Section:		
1	Transmission Plant	I (A)(1)(a)	79,003,756	Worksheet 3, line 1 column 5
2	General Plant	I (A)(1)(c)	734,105	Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(d)	-	Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		79,737,861	
5	Accumulated Depreciation & Amortization	I (A)(1)(e)	26,351,489	Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(f)	11,239,477	Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt	N/A	-	Worksheet 3, line 11 column 5
8	Other Regulatory Assets	N/A	-	Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		42,146,895	
11	Materials & Supplies	I (A)(1)(g)	332,083	Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(h)	197,625	Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(i)	849,744	Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		43,526,347	
II. REVENUE REQUIREMENTS				
15	Investment Return and Income Taxes	I (A)(2)	6,886,665	Worksheet 2, line 44, col 2
16	Depreciation & Amortization Expense	I (B)	2,107,698	Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	-	Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	(27,633)	Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	862,456	Worksheet 4, line 8 column 5
19.5	Other Taxes (Payroll Taxes Re-Classified)	I (E)	71,102	Worksheet 4, line 16, column 5
20	Trans. Operation & Maintenance Expense	I (F)	563,857	Worksheet 4, line 9 minus line 10 column 5
21	Administrative & General Expense	I (G)	1,340,681	Worksheet 4, line 15 column 5
22	Transmission Related Distribution O&M Expenses	I(H)	1,258,916	Worksheet 4, line 10a column 5
23	Transmission By Others Expense	I (I)	3,634,500	Worksheet 7, line 34, col 7
24	Transmission Related Expense from Generators	N/A	-	
25	Transmission Related Taxes and Fees Charge	N/A	-	
26	Transmission Revenue Credits for Network Integr.	II	(1,203,151)	Worksheet 7, line 35, col 7
27	Trans. Rents Received from Electric Property	N/A	(502,664)	Worksheet 10, line 12, col 4
28	Total OATT Revenue Requirements (Line 15 thru 28)		14,992,427	

Sheet: Worksheet 2a

Cambridge Electric Light Company (CEC)
Annual Revenue Requirements
for costs in 2004

LNS Revenue Requirements
Worksheet 2 of 10

Shading denotes an input

Line	Description	CAPITALIZATION 12/31/04	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6
1	LONG-TERM DEBT	\$ 25,000,000	22.35%	7.90%	1.77%	
2	PREFERRED STOCK	0	0.00%	0.00%	0.00%	0.00%
3	COMMON EQUITY	86,842,536	77.65%	11.00%	8.54%	
4						
5	TOTAL INVESTMENT RETURN	\$ 111,842,536	100.00%		10.31%	8.54%
6						
7						
8						
9	Cost of Capital Rate=					
10						
11	(a) Weighted Cost of Capital	=	0.1031			
12						
13						
14	(b) Federal Income Tax	=	$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. of Deprec. Exp.}}{\text{Eq. AFUDC}} \right) / \text{Inv. Base}}{1} \right) \times \frac{\text{Federal Income Tax Rate}}{\text{Federal Income Tax Rate}}$			
15						
16						
17		=	$\left(\frac{0.0854 + \left(\frac{0}{43,526,347} \right)}{1} \right) \times 0.35$			
18						
19						
20		=	0.0459846			
21						
22						
23	(c) State Income Tax	=	$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. of Deprec. Exp.}}{\text{Eq. AFUDC}} \right) / \text{Inv. Base}}{1} \right) + \frac{\text{Federal Income Tax}}{\text{State Income Tax Rate}} \times \text{State Income Tax Rate}$			
24						
25						
26		=	$\left(\frac{0.0854 + \left(\frac{0}{43,526,347} \right)}{1} \right) + \frac{0.0459846}{0.065} \times 0.065$			
27						
28						
29		=	0.0091337			
30						
31						
32						
33	(a)+(b)+(c) Cost of Capital Rate	=	0.1582183			
34						
35						
36						
37						
38			(LNS)			
39						
40	INVESTMENT BASE	\$ 43,526,347				
41						
42	x Cost of Capital Rate	0.1582183	Line 33			
43						
44	= Investment Return and Income Taxes	6,886,665				

Sheet: Worksheet 3

Cambridge Electric Light Company (CEC)

LNS Revenue Requirements
Worksheet 3 of 10

Line	Description	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
	<u>Transmission Plant</u>						
1	Transmission Plant	79,003,756		79,003,756		79,003,756	(d) Worksheet 5, line 12, col 2
2	General Plant	3,505,689	20.9404% (a)	734,105	100.0000%	734,105	Page 207.83(b&g avg)
3	Total (line 1+2)			<u>79,737,861</u>		<u>79,737,861</u>	
4	<u>Transmission Plant Held for Future Use</u>	0		0	100.0000%	0	Page 214
	<u>Transmission Accumulated Depreciation</u>						
5	Transmission Accum. Depreciation	26,360,313		26,360,313	100.0000%	26,360,313	Worksheet 9, Line 123, col 3
6	General Plant Accum. Depreciation	(42,141)	20.9404% (a)	(8,824)	100.0000%	(8,824)	Worksheet 9, Line 128, col 2
7	Total (line 6+7)			<u>26,351,489</u>		<u>26,351,489</u>	
	<u>Transmission Accumulated Deferred Taxes</u>						
8	Accumulated Deferred Taxes (282)	23,164,770	48.5197% (c)	11,239,477	100.0000%	11,239,477	Page 274.2-275.2(b&k avg)
9	Accumulated Deferred Taxes (190) (N/A)	0	48.5197% (c)	-	100.0000%	-	Not Applicable
10	Total (line 8+9)			<u>11,239,477</u>		<u>11,239,477</u>	
11	<u>Transmission loss on Reacq. Debt (N/A)</u>	0	48.5197% (c)	0	100.0000%	0	Not Applicable
	<u>Other Regulatory Assets/Liabilities</u>						
12	FAS 106 (N/A)	0	20.9404% (a)	0			Not Applicable
13	FAS 109 (N/A)	0	48.5197% (c)	0			Not Applicable
	Other Regulatory Liabilities (N/A) (1)	0	48.5197% (c)	0			Not Applicable
14	Total (line 12+13+13.5)	0		0	100.0000%	0	
15	<u>Transmission Prepayments</u>	407,308	48.5197% (a)	197,625	100.0000%	197,625	Page 110.46(c&d avg)
16	<u>Transmission Materials and Supplies</u>	332,083		332,083	100.0000%	332,083	Worksheet 9, Line 143, col 3
17	<u>Cash Working Capital</u>						
18	Operation & Maintenance Expense					1,822,773	Worksheet 1, Line 20
19	Administrative & General Expense					1,340,681	Worksheet 1, Line 21
20	Transmission Support Expense					3,634,500	Worksheet 1, Line 24
21	Subtotal (line 18+19+20)					6,797,954	
22						0.125	x 45 / 360
23	Total (line 21 * line 22)					<u>849,744</u>	

(a) Worksheet 5, line 11

(b) Worksheet 5, line 3

(c) Worksheet 5, line 14

(d) LNS Facilities

'(1) Since "Other Regulatory Liabilities" are limited to offsetting the amounts of assets specifically associated with FAS 106 and FAS 109, the accounting for the amounts of regulatory liability was incorporated individually in the calculation of the net asset/liability amount for FAS 106 and FAS 109 reflected in lines 12 and 13.

Sheet: Worksheet 4

Cambridge Electric Light Company (CEC)

LNS Revenue Requirements
Worksheet 4 of 10

Line No.	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Depreciation Expense</u>						
1	2,089,673		2,089,673	100.0000%	2,089,673	Worksheet 9, line 199, col 3
2	86,078	20.9404% (a)	18,025	100.0000%	18,025	Worksheet 9, line 204, col 2
3			2,107,698		2,107,698	
4	0	48.5197% (c)	0	100.0000%	0	Not Applicable
5	56,952	48.5197% (c)	27,633	100.0000%	27,633	Page 266.8f
<u>Property Taxes</u>						
6	1,762,694	48.9283%	862,456	100.0000%	862,456	Page 263.6i
7	0	20.9404% (a)	0	100.0000%	0	
8			862,456		862,456	
<u>Transmission Operation and Maintenance</u>						
9	4,198,357		4,198,357	1	4,198,357	Worksheet 8, line 26, col 4
10	3,634,500		3,634,500	1	3,634,500	Worksheet 8, line 17, col 4
10a	1,258,916		1,258,916	1	1,258,916	Worksheet 8, line 46, col 4
11	1,822,773		563,857	100.0000%	1,822,773	
<u>Transmission Administrative and General</u>						
13	6,497,394					Page 323.168b
14	95,026					Page 323.162b
15	6,402,368	20.9404% (a)	1,340,681	100.0000%	1,340,681	
16	339,543	20.9404% (a)	71,102	100.0000%	71,102	Footnote (d)

(a) Worksheet 5, line 11

(b) Worksheet 5, line 3

(c) Worksheet 5, line 14

(d) Payroll taxes FERC Form 1, page 263.i, 263.1i

Federal Unemployment	0
FICA	0
Medicare	0
State Unemployment	0
Environmental	0
State Universal Health	0
Services Co. Allocation & A&G Capit.	339,543
	0
Total	339,543

Sheet: Worksheet 5

Allocations

Line	Plant Investments reflect Beginning and Year end Averages Col 1	Amount Col 2	Reference Col 3
	<u>LNS Transmission Plant Allocation Factor</u>	<u>Cambridge</u>	
1	Transmission Investment	28,838,981	Worksheet 9, line 18, col 3
	plus 13.8kv Distribution Investment Categorized as Trans.	50,164,775	Worksheet 9, line 59, col 3
1a		79,003,756	
2	Transmission Investment	28,838,981	Worksheet 9, line 18, col 3
	plus 13.8kv Distribution Investment Categorized as Trans.	50,164,775	Worksheet 9, line 59, col 3
2a		79,003,756	
3	Percent Allocation (line 1a/2a)	100.0000%	
	<u>Transmission Wages and Salaries Allocation Factor</u>		
4	Direct Transmission Wages and Salaries	796,452	Worksheet 8, line 60, col 5
5	Affiliated Company Transmission Wages and Salaries	0	Worksheet 6
6	Total Transmission Wages and Salaries (line 4+ 5)	796,452	
7	Total Wages and Salaries	5,049,966	Page 354.25b +line 5
8	Administrative and General Wages and Salaries	1,246,535	Page 354.24b
9	Affiliated Company Wages and Salaries less A&G	0	Worksheet 6
10	Total Wages and Salaries net of A&G (line 7 - 8 + 9)	3,803,431	
11	Percent Allocation (line 6/10)	20.9404%	
	<u>Plant Allocation Factor</u>		
12	Total Transmission Investment	79,003,756	Line 2
	plus Transmission-Related General Plant (Line 2 of Wkst. 3)	734,104	Worksheet 9, line 62, col 2
12 Rev	= Revised Numerator	79,737,860	
13	Total Plant in Service (<i>INCLUDING</i> General Plant)	164,341,170	Page 207.88(b&g avg)
14	Percent Allocation (line 12 Rev / 13)	48.5197%	
	<u>NET Transmission Plant Allocation Factor</u>		
15	Gross Transmission Investment (Including General Plant)	79,737,860	Line 12 REV
16	Less Accum. Prov. for Trans. Depr. & Amort. (inc gen plt)	(26,351,488)	Worksheet 9, line 138, col 3
17	Net Transmission Investment	53,386,372	
18			
19	Net Transmission Investment	53,386,372	
20	Total Plant in Service	164,341,170	Line 13
21	Less Accum. Prov. for Depreciation & Amortization	(55,229,783)	Worksheet 9, line 138, col 2
22	Net Plant investment	109,111,387	
23	Percent Allocation (line 19/22)	48.9283%	

Sheet: Worksheet 6

Affiliated Company Wages and Salaries

Shading denotes an input

Line		Cambridge	Amount	Amount
"Affiliated" Transmission Wages and Salaries				
#560 - 573				
1	560	0	0	0
2	562	0	0	0
3	564	0	0	0
4	566	0	0	0
5	568	0	0	0
6	569	0	0	0
7	570	0	0	0
8	571	0	0	0
9	572	0	0	0
10	573	0	0	0
11 = 1 thru 10	Total Transmission	0	0	0
12 =	Total "Affiliated" Wages and Salaries	0	0	0
Less "Affiliated" Administrative and General Salaries				
#920 - 935				
13	920	0	0	0
14	921	0	0	0
15	923	0	0	0
16	925	0	0	0
17	926	0	0	0
18	928	0	0	0
19	930	0	0	0
20	935	0	0	0
21 = 13 thru 20		0	0	0
22 = 12 less 21	Total "Affiliated" less A&G	0	0	0

SHEET: WORKSHEET 7

Worksheet 7 of 10

CAMBRIDGE ELECTRIC LIGHT COMPANY
2004 TRANSMISSION ACCOUNT 565 EXPENSES

Line	COMPANY	TOTAL SUPPORT PAYMENTS	WHEELING PAYMENTS	ISO PAYMENTS	LNS Payments	TOTAL	LNS directly connected support and wheeling expenses
	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7
1	BOSTON EDISON						
2	-----						
3	CANAL 1 TRANSFER (WHEELING)		\$0			\$0	
4	SOMERVILLE ST. #402 (SUPPORT)	\$288,000				\$288,000	\$288,000
5	SOMERVILLE ST. #509 (SUPPORT)	\$3,346,500				\$3,346,500	\$3,346,500
6	NON-FIRM (MISC) (WHEELING)					\$0	
7	TOTAL BOSTON EDISON	\$3,634,500	\$0			\$3,634,500	\$3,634,500
8							
9	COMMONWEALTH ELECTRIC (SUPPORT)						
10	-----						
11	LINE #331 EQUALIZER	\$146,173				\$146,173	
12	CANAL LINE SECTION A&B	\$142,912				\$142,912	
13	TOTAL COMMONWEALTH ELECTRIC	\$289,085	\$0			\$289,085	
14							
15	CANAL ELECTRIC (SUPPORT)						
16	-----						
17	HYDRO QUEBEC 1 N.E.E.T	\$53,454				\$53,454	
18	HYDRO QUEBEC 1 V.E.T	\$51,659				\$51,659	
19	HYDRO QUEBEC 2	\$694,954				\$712,952	
20	SEABROOK 1	\$0				\$0	
21	TOTAL CANAL ELECTRIC	\$800,068	\$0			\$800,068	
22							
23	ISO NEW ENGLAND						
24	-----						
25	SYSTEM RESTORATION(Blackstart)			\$94,004		\$94,004	
26	THROUGH OR OUT EXPENSE			\$0		\$0	
27	REGIONAL NETWORK SERVICE			\$5,214,143		\$5,214,143	
28	CONGESTION MGT CHARGES			\$11,002,378		\$11,002,378	
29	PHASE I & II UPLIFT CHARGES			\$0		\$0	
30	TOTAL ISO EXPENSE	\$0	\$0	\$16,310,526		\$16,310,526	
31							
32	LOCAL NETWORK SERVICE CHARGE					\$0	
33							
34	TOTAL TRANSMISSION PAYMENTS	\$4,723,652	\$0	\$16,310,526	\$0	\$21,034,178	\$3,634,500

2004 TRANSMISSION ACCOUNT 456 REVENUES RECEIVED

	COMPANY	TOTAL SUPPORT REVENUE	WHEELING REVENUE	ISO REVENUES	LOCAL NETWORK SERVICE REVENUE	TOTAL	Support & Wheeling revenues received from use of directly connected facilities
35	Municipals		\$1,203,151			\$1,203,151	\$1,203,151
36							
37							
38	<u>ISO NEW ENGLAND REVENUE</u>						
39	NEW ENGLAND POWER POOL (EHV-PTF)			\$0			
40	REGIONAL TRANSMISSION REVENUES			\$3,379,919			
41	NEPOOL Scheduling and Dispatch			\$0			
42	THROUGH OR OUT REVENUES			\$0			
43	TOTAL ISO NEW ENGLAND REVENUE			\$3,379,919		\$3,379,919	
44							
45	LOCAL NETWORK SERVICE REVENUE					\$0	
46							
47	GRAND TOTAL	\$0	\$1,203,151	\$3,379,919	\$0	\$4,583,070	\$1,203,151

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Worksheet 8 of 10

Line	O&M Expenses	Labor (1)	Non Labor (2)	Total O&M (3)	Transmission & Dist. 13.8kv O&M (4)=(3)*Plant Ratios	Transmission & Dist. 13.8kv Labor (5)=(1)* O&M ratios
1	500 FERC Operation Supervision and Engineering	\$0	\$0	\$0		
2	501 FERC Summary Fuel	\$0	\$0	\$0		
3	502 FERC Summary Steam Expenses	\$0	\$0	\$0		
4	504 FERC Less Steam Transferred-Credit	\$0	\$0	\$0		
5	505 FERC Summary Electric Expense	\$0	\$0	\$0		
6	506 FERC Summary Misc. steam Power	\$0	\$0	\$0		
7	513 FERC Summary Maintenance of EI	\$0	\$0	\$0		
8	555 FERC Summary Purchased Power 5	\$0	\$88,516,915	\$88,516,915		
9	556 FERC Summary System Control &	\$26,431	\$1,660	\$28,091		
10	557 FERC Summary Other Expenses 55	\$0	\$6,520,485	\$6,520,485		
11	Production Total					
12	560 FERC Summary Operation, Superv	\$52,478	(\$11,001)	\$41,477	\$41,477	\$52,478
13	561 FERC Summary Load Dispatching	\$24,986	\$435,896	\$460,882	\$460,882	\$24,986
14	562 FERC Summary Station Expenses	\$2,376	\$1,377	\$3,753	\$3,753	\$2,376
15	563 FERC Summary Overhead Line Exp	\$0	\$2,721	\$2,721	\$2,721	\$0
16	564 FERC Summary Underground Line	\$0	\$2,642	\$2,642	\$2,642	\$0
17	565 FERC Summary Transmission of E	\$0	\$21,034,178	\$21,034,178	\$3,634,500	\$0
18	566 FERC Summary Misc. Transmissio	\$0	\$5,871	\$5,871	\$5,871	\$0
19	567 FERC Summary Rents	\$0	\$0	\$0	\$0	\$0
20	568 FERC Summary Maintenance, Supervision	\$24,549	\$0	\$24,549	\$24,549	\$24,549
21	569 FERC Summary Maintenance of Structures	\$0	\$0	\$0	\$0	\$0
22	570 FERC Summary Maintenance of station equip	\$2,761	\$357	\$3,118	\$3,118	\$2,761
23	571 FERC Summary Mainten. of overhead lines	\$0	\$15,137	\$15,137	\$15,137	\$0
24	572 FERC Summary Mainten. of Undergr. Lines	\$3,695	\$13	\$3,708	\$3,708	\$3,695
25	573 FERC Summary Maintenance of Misc. Plt.	\$0	\$0	\$0	\$0	\$0
26	Transmission Total	\$110,845	\$21,487,190	\$21,598,035	\$4,198,357	\$110,845
27	580 FERC Summary Operation, Superv	\$428,428	(\$24,425)	\$404,003	\$94,034	\$99,719
28	581 FERC Summary Load Dispatching	\$142,602	\$4,665	\$147,267	\$56,641	\$54,847
29	582 FERC Summary Station Expenses	\$299,867	\$43,412	\$343,279	\$138,160	\$120,688
30	583 FERC Summary Overhead Line Exp	\$206,560	\$23,149	\$229,709		\$0
31	584 FERC Summary Underground Line	\$263,747	\$25,374	\$289,121	\$151,054	\$137,797
32	585 FERC Summary Street Lighting &	\$5,998	\$63	\$6,061		\$0
33	586 FERC Summary Meter Expenses 58	\$293,232	\$75,225	\$368,457		\$0
34	587 FERC Summary Customer Install	\$68,832	(\$14,714)	\$54,118		\$0
35	588 FERC Summary Misc. Distributio	(\$86,942)	\$469,520	\$382,578	\$155,972	(\$35,445)
36	589 FERC Summary Rents 589	\$0	\$546,479	\$546,479	\$222,792	\$0
37	590 FERC Summary Supv & Engineering	\$205,836	(\$10)	\$205,826	\$88,144	\$88,148
38	591 FERC Summary Maintenance of St	\$45,969	\$3,486	\$49,455	\$47,867	\$44,493
39	592 FERC Summary Maint of Station	\$119,115	\$14,680	\$133,794	\$53,849	\$47,940
40	593 FERC Summary Maint of Overhead	\$102,573	\$61,972	\$164,545		\$0
41	594 FERC Summary Maint of Undergr. Lines	\$243,857	\$192,513	\$436,369	\$227,985	\$127,405
42	595 FERC Summary Maint of Line Transformers	\$0	\$0	\$0		\$0
43	596 FERC Summary Maint of Street Lighting	\$1,832	(\$688)	\$1,144		\$0
44	597 FERC Summary Meters	\$0	\$0	\$0		\$0
45	598 FERC Summary Maint of Misc Distribution	\$35	\$54,952	\$54,987	\$22,418	\$14
46	Distribution Total	\$2,341,541	\$1,475,652	\$3,817,193	\$1,258,916	\$685,607
47	901 FERC Summary Supervision 901	\$74,133	\$2,502	\$76,635		
48	902 FERC Summary Meter Reading Exp	\$225,206	\$120,730	\$345,936		
49	903 FERC Summary Customer Records	\$455,944	\$798,217	\$1,254,161		
50	904 FERC Summary Uncollectable Acc	\$0	\$151,401	\$151,401		
51	905 FERC Summary Misc. Customer Ac	\$6	\$64,220	\$64,226		
52	907 FERC Summary Supervision	\$1	(\$1)	\$0		
53	908 FERC Summary Customer Assistan	\$361,945	\$3,736,765	\$4,098,711		
54	909 FERC Summary Informational & I	\$0	\$18,257	\$18,257		
55	910 FERC Summary Misc. Customer Se	\$139,415	\$103,566	\$242,981		
56	911 FERC Summary Supervision 911	\$37,354	\$1,662	\$39,016		
57	912 FERC Summary A/C 912	\$1,942	\$57	\$1,999		
58	913 FERC Summary A/C 913	\$0	\$0	\$0		
59	916 FERC Summary Misc. Sales Expen	\$28,667	\$10,733	\$39,400		
60	Total (excl. A & G)	\$3,803,431	\$123,010,012	\$126,813,442	\$5,457,273	\$796,452
61	Administrative and General					
62	920 FERC Summary Admin & General S	\$1,537,340	\$0	\$1,537,340	\$321,925	\$321,925
63	921 FERC Summary Office Supplies &	(\$337)	\$641,431	\$641,094	\$134,247	(\$71)
64	922 FERC Summary Admin Expenses Tr	(\$291,232)	(\$131,220)	(\$422,452)	-\$88,463	(\$60,985)
65	923 FERC Summary Outside Services	\$0	\$281,087	\$281,087	\$58,861	\$0
66	924 FERC Summary Property Insuranc	\$0	\$22,466	\$22,466	\$4,704	\$0
67	925 FERC Summary Injuries & Damage	\$0	\$413,844	\$413,844	\$86,660	\$0
68	926 FERC Summary Employee Pension	\$764	\$3,265,669	\$3,266,433	\$684,003	\$160
69	928 FERC Summary Regulatory Commis	\$0	\$457,318	\$457,318	\$95,764	\$0
70	930.1 FERC Summary Gen. Ad Expens	\$0	\$95,026	\$95,026	\$0	\$0
71	930.2 FERC Summary Misc. General Expens	\$0	\$28,850	\$28,850	\$6,041	\$0
72	931 FERC Summary Rents 931	\$0	\$176,388	\$176,388	\$36,936	\$0
73	935 FERC Summary Maint of General	\$0	\$0	\$0	\$0	\$0
74	Total A&G	\$1,246,535	\$5,250,859	\$6,497,394	\$1,360,578	\$261,029
75	Total	\$5,049,966	\$128,260,871	\$133,310,837	\$6,817,851	\$1,057,481
76						
77	Administrative and General Allocation			\$1,340,679		

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Worksheet 9 of 10

Line	Col 1 PLANT IN SERVICE (Begin & Yr end Avg)	Col 2 Total	Col 3 Tran & Dist. 13.8kv
1	INTANGIBLE PLANT		
2	303-MISC. INTANGIBLE PLANT	\$1,567,902	
3	TOTAL INTANGIBLE PLANT	1,567,902	
4	PRODUCTION PLANT		
5	314-GENERATORS	-	
6	315-ACCESSORY ELECTRIC EQUIPMENT	-	
7	TOTAL PRODUCTION PLANT	-	
8	TRANSMISSION PLANT		
9	350-LAND AND LAND RIGHTS	314,753	314,753
10	352-STRUCTURES AND IMPROVEMENTS	4,996,828	4,996,828
11	353-STATION EQUIPMENT	6,788,544	6,788,544
12	354-TOWERS AND FIXTURES	-	-
13	355-POLES AND FIXTURES	36,955	36,955
14	356-OH CONDUCTORS AND DEVICES	-	-
15	357-UNDERGROUND CONDUIT	7,706,764	7,706,764
16	358-UNDERGROUND CONDUCTORS AND DEVICES	8,995,138	8,995,138
17	359-ROADS AND TRAILS	-	-
18	TOTAL TRANSMISSION PLANT	28,838,981	28,838,981
19	DISTRIBUTION PLANT		
20	360-LAND AND LAND RIGHTS		
21	13.8Kv	113,977	113,977
22	PRIMARY	125,010	
23	TOTAL ACCOUNT 360	238,987	
24	361-STRUCTURES AND IMPROV.		
25	13.8Kv	2,224,596	2,224,596
26	PRIMARY	73,785	
27	TOTAL ACCOUNT 361	2,298,381	
28	362-STATION EQUIPMENT		
29	13.8Kv	15,358,973	15,358,973
30	PRIMARY	4,272,202	
31	SECONDARY	18,530,400	
32	TOTAL ACCOUNT 362	38,161,575	
33	364-POLES, TOWERS, FIXTURES		
34	PRIMARY CAPACITY	1,517,257	
35	SECONDARY CAPACITY	1,303,388	
36	TOTAL ACCOUNT 364	2,820,645	
37	365-OVERHEAD CONDUCTORS		
38	PRIMARY CAPACITY	3,447,338	
39	SECONDARY CAPACITY	2,588,759	
40	TOTAL ACCOUNT 365	6,036,097	
41	366-UNDERGROUND CONDUIT		
42	13.8Kv	8,726,592	8,726,592
43	PRIMARY	3,575,706	
44	SECONDARY	5,806,175	
45	TOTAL ACCOUNT 366	18,108,473	
46	367-UNDERGROUND CONDUCTORS		
47	13.8Kv	23,740,637	23,740,637
48	PRIMARY	9,044,244	
49	SECONDARY	11,249,745	
50	TOTAL ACCOUNT 367	44,034,626	
51	368-LINE TRANSFORMERS		

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Worksheet 9 of 10

Line	Col 1 PLANT IN SERVICE (Begin & Yr end Avg)	Col 2 Total	Col 3 Tran & Dist. 13.8kv
52	CAPACITY COMPONENT	4,285,682	
53	TOTAL ACCOUNT 368	4,285,682	
54	369-SERVICES		
55	CUSTOMER COMPONENT	7,062,973	
56	TOTAL ACCOUNT 369	7,062,973	
57	370-METERS	3,596,494	
58	373-STREET LIGHTING	3,784,665	
59	TOTAL DISTRIBUTION PLANT	130,428,598	50,164,775
60	GENERAL PLANT		
61	389-399 GENERAL PLANT		
62	TRANSMISION (INC 13.8KV) COMPONENT	734,104	734,104
63	OTHER COMPONENT	2,771,585	
64	TOTAL GENERAL PLANT	3,505,689	
65			
66	TOTAL PLANT IN SERVICE (exc Gen Plt)	160,835,481	79,003,756
67	TOTAL PLANT IN SERVICE	164,341,170	79,737,860

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

68	ACCUMULATED PROVISION FOR DEPRECIATION	Total	
69	INTANGIBLE PLANT		
70	303-MISC. INTANGIBLE PLANT	-	-
71	TOTAL INTANGIBLE PLANT	-	-
72	PRODUCTION PLANT		
73	314-GENERATORS	-	
74	315-ACCESSORY ELECTRIC EQUIPMENT	-	
75	TOTAL PRODUCTION PLANT	-	
76	TRANSMISSION PLANT		
77	352-STRUCTURES AND IMPROVEMENTS	1,691,729	1,691,729
78	353-STATION EQUIPMENT	2,996,713	2,996,713
79	354-TOWERS AND FIXTURES	-	-
80	355-POLES AND FIXTURES	14,065	14,065
81	356-OH CONDUCTORS AND DEVICES	-	-
82	357-UNDERGROUND CONDUIT	1,832,887	1,832,887
83	358-UNDERGROUND CONDUCTORS AND DEVICES	2,072,865	2,072,865
84	359-ROADS AND TRAILS	-	-
85	TOTAL TRANSMISSION PLANT	8,608,259	8,608,259
86	DISTRIBUTION PLANT		
87	361-STRUCTURES AND IMPROV.		
88	13.8Kv	1,351,014	1,351,014
89	PRIMARY	44,810	
90	TOTAL ACCOUNT 361	1,395,825	1,351,014
91	362-STATION EQUIPMENT		
92	13.8Kv	6,740,998	6,740,998
93	PRIMARY	1,875,054	
94	SECONDARY	8,132,926	
95	TOTAL ACCOUNT 362	16,748,979	6,740,998

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Worksheet 9 of 10

Line	Col 1 PLANT IN SERVICE (Begin & Yr end Avg)	Col 2 Total	Col 3 Tran & Dist. 13.8kv
96	364-POLES, TOWERS, FIXTURES		
97	PRIMARY CAPACITY	728,138	
98	SECONDARY CAPACITY	625,502	
99	TOTAL ACCOUNT 364	1,353,640	
100	365-OVERHEAD CONDUCTORS		
101	PRIMARY CAPACITY	1,195,523	
102	SECONDARY CAPACITY	897,772	
103	TOTAL ACCOUNT 365	2,093,295	
104	366-UNDERGROUND CONDUIT		
105	13.8Kv	4,018,689	4,018,689
106	PRIMARY	1,646,651	
107	SECONDARY	2,673,806	
108	TOTAL ACCOUNT 366	8,339,146	4,018,689
109	367-UNDERGROUND CONDUCTORS		
110	13.8Kv	5,641,352	5,641,352
111	PRIMARY	2,149,132	
112	SECONDARY	2,673,213	
113	TOTAL ACCOUNT 367	10,463,697	5,641,352
114	368-LINE TRANSFORMERS		
115	CAPACITY COMPONENT	1,772,710	
116	TOTAL ACCOUNT 368	1,772,710	
117	369-SERVICES		
118	CUSTOMER COMPONENT	2,757,238	
119	TOTAL ACCOUNT 369	2,757,238	
120	370-METERS	(371,724)	
121	373-STREET LIGHTING	1,656,412	
122	TOTAL DISTRIBUTION PLANT	46,209,218	17,752,054
123	Total Functional Plant Depreciation	54,817,477	26,360,313
124	GENERAL PLANT DEPRECIATION		
125	389-399 GENERAL PLANT		
126	TRANSMISION (INC 13.8KV) COMPONENT	-8,824	-8,824
127	OTHER COMPONENT	-33,317	
128	TOTAL GENERAL PLANT	-42,141	-8,824
129			
130	TOTAL ACCUM. PROVISION FOR DEPRECIATION	54,775,336	26,351,488
131			
132	ACCUMULATED AMORTIZATION		
133	TRANSMISION (INC 13.8KV) COMPONENT	-	-
134	OTHER COMPONENT	454,447	
135	TOTAL ACCUMULATED AMORTIZATION	454,447	-
136			
137			
138	TOTAL ACCUM. DEPRECIATION AND AMORTIZATION	55,229,783	26,351,488

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Worksheet 9 of 10

Line	Col 1 PLANT IN SERVICE (Begin & Yr end Avg) ADDITIONS TO RATE BASE	Col 2 Total Total	Col 3 Tran & Dist. 13.8kv
139	WORKING CAPITAL		
140	MATERIALS AND SUPPLIES		
141	TRANSMISSION & DISTRIBUTION	639,799	332,083
142	OTHER INVESTMENTS	-	0
143	TOTAL MATERIALS AND SUPPLIES	639,799	332,083

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

144	DEPRECIATION EXPENSE	Total	
145	INTANGIBLE PLANT		
146	303-MISC. INTANGIBLE PLANT	-	
147	TOTAL INTANGIBLE PLANT - DEPR EXP	-	
148	PRODUCTION PLANT		
149	314-GENERATORS	-	
150	315-ACCESSORY ELECTRIC EQUIPMENT	-	
151	TOTAL PRODUCTION PLANT - DEPR EXP	-	
152	TRANSMISSION PLANT		
153	352-STRUCTURES AND IMPROVEMENTS	108,880	108,880
154	353-STATION EQUIPMENT	228,798	228,798
155	354-TOWERS AND FIXTURES	-	-
156	355-POLES AND FIXTURES	916	916
157	356-OH CONDUCTORS AND DEVICES	-	-
158	357-UNDERGROUND CONDUIT	123,691	123,691
159	358-UNDERGROUND CONDUCTORS AND DEVICES	220,990	220,990
160	359-ROADS AND TRAILS	-	-
161	TOTAL TRANSMISSION PLANT - DEPR EXP	683,275	683,275
162	DISTRIBUTION PLANT		
163	361-STRUCTURES AND IMPROV.		
164	13.8Kv	59,619	59,619
165	PRIMARY	1,977	
166	TOTAL ACCOUNT 361	61,597	59,619
167	362-STATION EQUIPMENT		
168	13.8Kv	425,726	425,726
169	PRIMARY	118,418	
170	SECONDARY	513,633	
171	TOTAL ACCOUNT 362	1,057,777	425,726
172	364-POLES, TOWERS, FIXTURES		
173	PRIMARY CAPACITY	64,294	
174	SECONDARY CAPACITY	55,231	
175	TOTAL ACCOUNT 364	119,525	
176	365-OVERHEAD CONDUCTORS		
177	PRIMARY CAPACITY	145,133	
178	SECONDARY CAPACITY	108,987	
179	TOTAL ACCOUNT 365	254,120	
180	366-UNDERGROUND CONDUIT		

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Worksheet 9 of 10

Line	Col 1 PLANT IN SERVICE (Begin & Yr end Avg)	Col 2 Total	Col 3 Tran & Dist. 13.8kv
181	13.8Kv	198,094	198,094
182	PRIMARY	81,169	
183	SECONDARY	131,800	
184	TOTAL ACCOUNT 366	411,062	198,094
185	367-UNDERGROUND CONDUCTORS		
186	13.8Kv	722,960	722,960
187	PRIMARY	275,419	
188	SECONDARY	342,582	
189	TOTAL ACCOUNT 367	1,340,960	722,960
190	368-LINE TRANSFORMERS		
191	CAPACITY COMPONENT	131,999	
192	TOTAL ACCOUNT 368	131,999	
193	369-SERVICES		
194	CUSTOMER COMPONENT	278,281	
195	TOTAL ACCOUNT 369	278,281	
196	370-METERS	148,576	
197	373-STREET LIGHTING	238,112	
198	TOTAL DISTRIBUTION PLANT - DEPR EXP	4,042,009	1,406,398
199	Total Functional Plant Depreciation	4,725,284	2,089,673
200	GENERAL PLANT		
201	389-399 GENERAL PLANT		
202	TRANSMISION (INC 13.8KV) COMPONENT	18,025	18,025
203	OTHER COMPONENT	68,053	
204	TOTAL GENERAL PLANT	86,078	18,025
205			
206	TOTAL DEPRECIATION EXPENSE	4,811,362	2,107,698
207			
208	AMORTIZATION EXPENSE		
209	TRANSMISION (INC 13.8KV) COMPONENT	-	-
210	OTHER COMPONENT	-	
211			
212	TOTAL AMORTIZATION EXPENSE	-	-
213			
214			
215	TOTAL DEPRECIATION AND AMORTIZATION	4,811,362	2,107,698

Cambridge Electric Light Company
Support Expense & Revenue Detail
Cost Year 2004
Sheet 10

Col 1	Col 2	Col 3	Col 4	Col 5
			Includable	
Line	Description	Amount	Amount	Reference
1	Transmission Support Revenues (454)			
2	Assoc Co Rents - NSTAR (454002)	\$ 11,465	\$ -	
3	Assoc Co Rents - HEEC (454130)	821	-	
4	Assoc Co Rents - Canal (454170)	260	-	
5	CATV Rents (454180)	14,998		
6	Assoc Co Rents - MATEP (454717)	3,263	-	
7	Assoc Co Rents - Northwind (454730)	9	-	
8	Assoc Co Rents - Steam (454735)	2,490	-	
9	Assoc Co Rents - Hopkinton (454745)	1,205	-	
10	Assoc Co Rents - NSTAR Com (454750)	2,520	-	
11	Mirant Kendall (454780)	502,664	502,664	
12	Rent - Property in Operation (454910)	72,908	-	
13	Total Transmission Support Revenues	<u>\$ 612,603</u>	<u>\$ 502,664</u>	Form 1, Page 300, line 19, Col b

Sheet: Worksheet 1

Commonwealth Electric Company
Annual Revenue Requirements of Transmission Facilities
for costs in 2004
Network Integration Transmission

LNS Revenue Requirements

Worksheet 1 of 7

		Attachment H		
		Reference	Amount	Reference
<u>Line</u>	<u>I. INVESTMENT BASE</u>	<u>Section:</u>		
1	Transmission Plant	I (A)(1)(a)	115,011,638	Worksheet 3, line 1 column 5
2	General Plant	I (A)(1)(b)	1,922,487	Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(c)	-	Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		116,934,125	
5	Accumulated Depreciation & Amortization	I (A)(1)(d)	54,476,997	Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(e)	13,000,503	Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt	N/A	-	Worksheet 3, line 11 column 5
8	Other Regulatory Asssets	N/A	-	Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		49,456,625	
11	Materials & Supplies	I (A)(1)(f)	280,492	Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(g)	458,601	Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(h)	685,318	Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		50,881,036	
	<u>II. REVENUE REQUIREMENTS</u>			
15	Investment Return and Income Taxes	I (A)(2)	6,488,675	Worksheet 2, line 44, column 2
16	Depreciation & Amortization Expense	I (B)	4,129,946	Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	-	Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	(63,281)	Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	758,616	Worksheet 4, line 8 column 5
19.5	Other Taxes	I (E)	94,868	Worksheet 4, line 15 column 5
20	Operation & Maintenance Expense	I (F)	3,623,227	Worksheet 4, line 11 column 5
21	Administrative & General Expense	I (G)	1,166,893	Worksheet 4, line 14 column 5
22	Transmission Related Integrated Facilities Charge	N/A	-	
23	Transmission By Others Expense	I (H)	692,421	Worksheet 7, line 45, column 7
24	Transmission Related Expense from Generators	N/A	-	
25	Transmission Related Taxes and Fees Charge	N/A	-	
26	Transmission Revenue Credits for Network Integr.	II	(898,028)	Worksheet 7, line 76, column 8
27	Trans. Rents Received from Electric Property	N/A	-	
28	Total OATT Revenue Requirements (Line 15 thru 27)		15,993,337	

Sheet: Worksheet 2

Commonwealth Electric Company (CEC)
Annual Revenue Requirements
for costs in 2004

LNS Revenue Requirements
Worksheet 2 of 7

Line	Description	CAPITALIZATION 12/31/04	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6
1	LONG-TERM DEBT	\$ 232,706,775	41.18%	4.51%	1.86%	
2	PREFERRED STOCK	0	0.00%	0.00%	0.00%	0.00%
3	COMMON EQUITY	332,452,649	58.82%	11.25%	6.62%	6.62%
4						
5	TOTAL INVESTMENT RETURN	\$ 565,159,424	100.00%		8.48%	6.62%
6						
7						
8						
9	Cost of Capital Rate=					
10						
11	(a) Weighted Cost of Capital	=	0.0848			
12						
13						
14	(b) Federal Income Tax	=	(R.O.E. + (Inv. (Tax Credit + Eq. AFUDC of Deprec. Exp.) / Inv. Base)) x Federal Income Tax Rate)			
15			(1 - Federal Income Tax Rate)			
16						
17		=	(0.0662 + (0 + 0) / 50,881,036) x 0.35)			
18			(1 - 0.35)			
19						
20		=	0.0356462			
21						
22						
23	(c) State Income Tax	=	(R.O.E. + (Inv. (Tax Credit + Eq. AFUDC of Deprec. Exp.) / Inv. Base)) + Federal Income Tax) * State Income Tax Rate			
24			(1 - State Income Tax Rate)			
25						
26		=	(0.0662 + (0 + 0) / 50,881,036) + 0.0356462) * 0.065			
27			(1 - 0.065)			
28						
29		=	0.0070802			
30						
31						
32						
33	(a)+(b)+(c) Cost of Capital Rate	=	0.1275264			
34						
35						
36						
37						
38			(LNS)			
39						
40	INVESTMENT BASE	\$	50,881,036			
41						
42	x Cost of Capital Rate		0.1275264	line 33		
43						
44	= Investment Return and Income Taxes		6,488,675			

Sheet: Worksheet 3

LNS Revenue Requirements
Worksheet 3 of 7

Commonwealth Electric Company (CEC)

Line	Description	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
	<u>Transmission Plant</u>						
1	Transmission Plant	115,011,638		115,011,638		115,011,638	(d) Page 207.53(b&g avg)
2	General Plant	48,452,218	3.9678% (a)	1,922,487	100.0000%	1,922,487	Page 207.83(b&g avg)
3	Total (line 1+2)			116,934,125		116,934,125	
4	<u>Transmission Plant Held for Future Use</u>	0		0	100.0000%	0	Page 214
	<u>Transmission Accumulated Depreciation</u>						
5	Transmission Accum. Depreciation	53,811,422		53,811,422	100.0000%	53,811,422	Page 219.23b (beg & yr avg)
6	General Plant Accum. Depreciation	16,774,407	3.9678% (a)	665,575	100.0000%	665,575	Page 219.25b (beg & yr avg)
7	Total (line 6+7)			54,476,997		54,476,997	
	<u>Transmission Accumulated Deferred Taxes</u>						
8	Accumulated Deferred Taxes (282)	81,722,539	15.9081% (c)	13,000,503	100.0000%	13,000,503	Page 274.2-275.2(b&k avg)
9	Accumulated Deferred Taxes (190) (N/A)	0	15.9081% (c)	0	100.0000%	0	Not Applicable
10	Total (line 8+9)			13,000,503		13,000,503	
11	<u>Transmission loss on Reacq. Debt (N/A)</u>	0	15.9081% (c)	0	100.0000%	0	Not Applicable
	<u>Other Regulatory Assets/Liabilities</u>						
12	FAS 106 (N/A)	0	3.9678% (a)	0			Not Applicable
13	FAS 109 (N/A)	0	15.9081% (c)	0			Not Applicable
	Other Regulatory Liabilities (N/A) (1)	0	15.9081% (c)	0			Not Applicable
14	Total (line 12+13+13.5)	0		0	100.0000%	0	
15	<u>Transmission Prepayments</u>	2,882,816	15.9081% (a)	458,601	100.0000%	458,601	Page 110.46(c&d avg)
16	<u>Transmission Materials and Supplies</u>	280,492		280,492	100.0000%	280,492	Page 227.8(b&c avg)
17	<u>Cash Working Capital</u>						
18	Operation & Maintenance Expense					3,623,227	Worksheet 1, Line 20
19	Administrative & General Expense					1,166,893	Worksheet 1, Line 21
20	Transmission Support Expense					692,421	Worksheet 1, Line 24
21	Subtotal (line 18+19+20)					5,482,541	
22						0.125	x 45 / 360
23	Total (line 21 * line 22)					685,318	

- (a) Worksheet 5, line 11
(b) Worksheet 5, line 3
(c) Worksheet 5, line 14
(d) LNS Facilities

(1) Since "Other Regulatory Liabilities" are limited to offsetting the amounts of assets specifically associated with FAS 106 and FAS 109, the accounting for the amounts of regulatory liability was incorporated individually in the calculation of the net asset/liability amount for FAS 106 and FAS 109 reflected in lines 12 and 13.

Sheet: Worksheet 4

LNS Revenue Requirements
Worksheet 4 of 7

Commonwealth Electric Company (CEC)						
Line	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Depreciation Expense</u>						
1	4,073,247		4,073,247	100.0000%	4,073,247	Page 336.7b
2	1,428,967	3.9678% (a)	56,699	100.0000%	56,699	Page 336.9b
3			4,129,946		4,129,946	
4	0	15.9081% (c)	0	100.0000%	0	Not Applicable
5	397,792	15.9081% (c)	63,281	100.0000%	63,281	Page 266.8f
<u>Property Taxes</u>						
6	5,745,783	13.2030%	758,616	100.0000%	758,616	Page 263.6i
7	0	3.9678% (a)	0	100.0000%	0	
8			758,616		758,616	
<u>Transmission Operation and Maintenance</u>						
9	21,061,094		21,061,094	100.0000%	21,061,094	Page 321.100b
10	17,437,867		17,437,867	100.0000%	17,437,867	Page 321.88b
10a	0		0	100.0000%	0	
11	3,623,227		3,623,227	100.0000%	3,623,227	
<u>Transmission Administrative and General</u>						
12	29,780,934					Page 323.168b
13	371,868					Page 323.162b
14	29,409,066	3.9678% (a)	1,166,893	100.0000%	1,166,893	
15	2,390,947	3.9678% (a)	94,868	100.0000%	94,868	Footnote (d)
<u>Other Taxes (Payroll Taxes)</u>						
(a) Worksheet 5, line 11						
(b) Worksheet 5, line 3						
(c) Worksheet 5, line 14						
(d) Payroll taxes FERC Form 1, page 263.i, 263.1i						
	0					
Federal Unemployment	0					
FICA	0					
Medicare	0					
State Unemployment	0					
Environmental	0					
State Universal Health	0					
Services Co. Allocation & A&G Capit.	2,390,947					
	0					
Total	2,390,947					

Sheet: Worksheet 5

LNS Revenue Requirements
Worksheet 5 of 7

Allocators			
Plant Investments reflect Beginning and Year end Averages			
Line	<u>LNS Transmission Plant Allocation Factor</u>	<u>Amount</u>	<u>FERC Form 1 Reference</u>
1	Transmission Investment	115,011,638	Page 207.53(b&g avg.)
	plus Distribution Investment Categorized as Transmission	0	
1a		115,011,638	
2	Transmission Investment	115,011,638	Page 207.53(b&g avg.)
	plus Distribution Investment Categorized as Transmission	0	
2a		115,011,638	
3	Percent Allocation (line 1a/2a)	100.0000%	
<u>Transmission Wages and Salaries Allocation Factor</u>			
4	Direct Transmission Wages and Salaries	1,069,359	Page 354.19b Worksheet 6 of 8
5	Affiliated Company Transmission Wages and Salaries	0	
6	Total Transmission Wages and Salaries (line 4+ 5)	1,069,359	
7	Total Wages and Salaries	33,633,965	Page 354.25b +line 5 Page 354.24b Worksheet 6 of 8
8	Administrative and General Wages and Salaries	6,682,699	
9	Affiliated Company Wages and Salaries less A&G	0	
10	Total Wages and Salaries net of A&G (line 7 - 8 + 9)	26,951,266	
11	Percent Allocation (line 6/10)	3.9678%	
<u>Plant Allocation Factor</u>			
12	Total Transmission Investment	115,011,638	Page 207.53(b&g avg) Worksheet 3, Line 11
	plus Transmission-Related General Plant (Line 2 of Wkst. 3)	1,922,487	
12 Rev	= Revised Numerator	116,934,125	
13	Total Plant in Service (INCLUDING General Plant)	735,058,196	Page 207.88(b&g avg)
14	Percent Allocation (line 12 Rev / 13)	15.9081%	
<u>NET Transmission Plant Allocation Factor</u>			
15	Gross Transmission Investment (Including General Plant)	116,934,125	Line 12 REV Worksheet 3,line 19
16	Less Accum. Prov. for Trans. Depr. & Amort. (inc gen plt)	(54,476,997)	
17	Net Transmission Investment	62,457,128	
18	plus Distribution Investment Categorized as Transmission	0	
19	Revised Net Transmission Investment	62,457,128	
20	Total Plant in Service	735,058,196	Line 13 Page 110.5(c&d avg)
21	Less Accum. Prov. for Depreciation & Amortization	(262,004,207)	
22	Net Plant investment	473,053,990	
23	Percent Allocation (line 19/22)	13.2030%	

Sheet: Worksheet 6

PTF Revenue Requirements
Worksheet 6 of 7

Affiliated Company Wages and Salaries

Shading denotes an input

Line		Amount	Amount	Amount
"Affiliated" Transmission Wages and Salaries				
#560 - 573				
1	560	0	0	0
2	562	0	0	0
3	564	0	0	0
4	566	0	0	0
5	568	0	0	0
6	569	0	0	0
7	570	0	0	0
8	571	0	0	0
9	572	0	0	0
10	573	0	0	0
11 = 1 thru 10	Total Transmission	0	0	0
12 = Total "Affiliated" Wages and Salaries		0	0	0
Less "Affiliated" Administrative and General Salaries				
#920 - 935				
13	920	0	0	0
14	921	0	0	0
15	923	0	0	0
16	925	0	0	0
17	926	0	0	0
18	928	0	0	0
19	930	0	0	0
20	935	0	0	0
21 = 13 thru 20		0	0	0
22 = 12 less 21	Total "Affiliated" less A&G	0	0	0

SHEET: WORKSHEET 7

Worksheet 7 of 7

COMMONWEALTH ELECTRIC COMPANY
2004 TRANSMISSION ACCOUNT 565 EXPENSES

Line	COMPANY	TOTAL SUPPORT PAYMENTS	WHEELING PAYMENTS	ISO PAYMENTS	LNS Charge	TOTAL	LNS directly connected support and wheeling expenses	Col 8
	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	
1	BOSTON EDISON (SUPPORT)							
2	-----							
3	STABILIZER LINE 342 PILG- MYLES STANDISH (CANAL 2 SUPPORT)	\$13,779					\$13,779	
4	CARD STREET - LINE 336	\$12,330					\$12,330	
5	JORDAN RD -HOLBROOK, WALPOLE-MEDWAY (CANAL#2 SUPPORT)	\$655,200					\$655,200	
6	TOTAL BOSTON EDISON	\$681,309	\$0			\$681,309	\$681,309	
7	-----							
8	CANAL ELECTRIC (SUPPORT)							
9	-----							
10	HYDRO QUEBEC 1	\$257,347				\$257,347		
11	HYDRO QUEBEC 2 see canal acct 456 breakout	\$1,701,439				\$1,701,439		
12	SEABROOK 1	\$0				\$0		
13	TOTAL CANAL ELECTRIC	\$1,958,787	\$0			\$1,958,787		
14	-----							
15	SYSTEM IMPACT STUDIES							
16	-----							
17	MISCELLANEOUS		\$0			\$0		
18	-----							
19	CENTRAL MAINE POWER (SUPPORT)							
20	-----							
21	WYMAN #4 -345KV	\$0						
22	WYMAN #4 -115KV	\$0						
23	TOTAL CENTRAL MAINE POWER	\$0	\$0			\$0		
24	-----							
25	-----							
26	MONTAUP ELECTRIC COMPANY							
27	-----							
28	BELL ROCK ROAD (WHEELING)		\$11,112			\$11,112	\$11,112	
29	BELL ROCK ROAD (SUPPORT)	\$0				\$0		
30	LINE 331 EQUALIZER (SUPPORT)	\$0				\$0	\$0	
31	TOTAL MONTAUP	\$0	\$11,112			\$11,112	\$11,112	
32	-----							
33	-----							
34	ISO NEW ENGLAND							
35	-----							
36	SYSTEM RESTORATION (Blackstart)			\$261,593		\$261,593		
37	THROUGH OR OUT EXPENSE			\$0		\$0		
38	REGIONAL NETWORK SERVICE			\$12,668,501		\$12,668,501		
39	CONGESTION MGT. CHARGES			\$1,856,567		\$1,856,567		
40	PHASE I & II UPLIFT CHARGES			\$0		\$0		
41	TOTAL ISO EXPENSE	\$0	\$0	\$14,786,660		\$14,786,660		
42	-----							
43	LOCAL NETWORK SERVICE CHARGE				\$4,797,406	\$4,797,406		
44	-----							
45	TOTAL TRANSMISSION PAYMENTS (ACCOUNT 565)	<u>2,640,095</u>	<u>11,112</u>	<u>14,786,660</u>	<u>4,797,406</u>	<u>22,235,274</u>	<u>692,421</u>	

2004 TRANSMISSION ACCOUNT 456 REVENUES RECEIVED

COMPANY	TOTAL SUPPORT REVENUE	WHEELING REVENUE	ISO REVENUES	DISTRIBUTION REVENUE	LNS Revenue	TOTAL	Support & received from use of directly connected facilities
46	CARRYING COST AGREEMENT (3/29/68)						
47	-----						
48	BOSTON EDISON	\$275,080				\$275,080	\$275,080
49	MONTAUP ELECTRIC	\$0				\$0	\$0
50	NEW ENGLAND POWER	\$47,040				\$47,040	\$47,040
51	TOTAL CARRYING COST	\$322,120	\$0			\$322,120	\$322,120
52	-----						
53	PILGRIM OFF-SITE COSTS (Entergy)	\$5,175	\$0		\$69,693	\$74,868	\$5,175
54	-----						
55	CAMBRIDGE ELECTRIC 345KV COSTS	\$289,085	\$0			\$289,085	\$289,085
56	-----						
57	YANKEE COSTS						
58	-----						
59	MAINE YANKEE		\$0			\$0	
60	CONNECTICUT YANKEE		\$0			\$0	
61	VERMONT YANKEE		\$0			\$0	
62	TOTAL YANKEE COSTS	\$0	\$0			\$0	
63	-----						
64	NON-AFFIL. UTILITY TRANS. REV. Non-Firm PTP & MBTA	\$0	\$281,648		\$0	\$281,648	\$281,648
65	-----						
66	ISO NEW ENGLAND REVENUE						
67	-----						
68	NEW ENGLAND POWER POOL (EHV- PTF)			\$0		\$0	
69	REGIONAL TRANSMISSION REVENUES			\$9,116,595		\$9,116,595	
70	NEW ENGLAND POWER POOL Scheduling and Dispatch			\$89,009		\$89,009	
71	THROUGH OR OUT REVENUES			\$0		\$0	
72	TOTAL ISO NEW ENGLAND REVENUE	\$0	\$0	\$9,205,604		\$9,205,604	
73	-----						
74	LOCAL NETWORK SERVICE REVENUE					\$0	
75	-----						
76	TOTAL REVENUE RECEIVED	<u>616,380</u>	<u>281,648</u>	<u>9,205,604</u>	<u>69,693</u>	<u>10,173,325</u>	<u>898,028</u>

LNS Revenue Requirements

Worksheet 1 of 10

Cambridge Electric Light Company
Annual Revenue Requirements of Transmission Facilities
For Costs in 2003
Network Integration Transmission

		Attachment H		
		Reference	Cambridge	Reference
Line No	I. INVESTMENT BASE	Section:		
1	Transmission Plant	I (A)(1)(a)	72,433,814	Worksheet 3, line 1 column 5
2	General Plant	I (A)(1)(c)	1,347,265	Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(d)	0	Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		73,781,079	
5	Accumulated Depreciation & Amortization	I (A)(1)(e)	25,680,866	Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(f)	9,963,611	Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt	N/A	0	Worksheet 3, line 11 column 5
8	Other Regulatory Assets	N/A	0	Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		38,136,602	
11	Materials & Supplies	I (A)(1)(g)	122,527	Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(h)	566,639	Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(i)	896,777	Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		39,722,545	
II. REVENUE REQUIREMENTS				
15	Investment Return and Income Taxes	I (A)(2)	6,238,183	Worksheet 2, Line 44, Column 2
16	Depreciation & Amortization Expense	I (B)	1,923,252	Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	0	Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	(26,998)	Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	772,697	Worksheet 4, line 8 column 5
19.5	Other Taxes (Payroll Taxes Re-Classified)	I (E)	91,653	Worksheet 4, line 16 column 5
20	Trans. Operation & Maintenance Expense	I (F)	559,066	Worksheet 4, line 9 - line 10 column 5
21	Administrative & General Expense	I (G)	1,573,143	Worksheet 4, line 15 column 5
22	Transmission Related Distribution O&M Expenses	I(H)	1,407,510	Worksheet 4, line 10a column 5
23	Transmission By Others Expense	I (I)	3,634,500	Worksheet 7, line 34, column 7
24	Transmission Related Expense from Generators	N/A	0	
25	Transmission Related Taxes and Fees Charge	N/A	0	
26			0	
27	Trans. Rents Received from Electric Property	N/A	-	Worksheet 10, line 12, column 4
28	Total LNS Revenue Requirements (Line 15 thru 27)		16,173,006	

Sheet: Worksheet 2

Cambridge Electric Light Company (CEL)**Annual Revenue Requirements
for costs in 2003**

Line	Description	CAPITALIZATION 12/31/03	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6
1	LONG-TERM DEBT	\$ 25,000,000	23.44%	7.90%	1.85%	
2	PREFERRED STOCK	0	0.00%	0.00%	0.00%	0.00%
3	COMMON EQUITY	81,650,296	76.56%	11.00%	8.42%	8.42%
4						
5	TOTAL INVESTMENT RETURN	\$ 106,650,296	100.00%		10.27%	8.42%
6						
7						
8						
9	Cost of Capital Rate=					
10						
11	(a) Weighted Cost of Capital	= 0.1027				
12						
13						
14	(b) Federal Income Tax	= (	Inv. E. AFUDC R.O.E. + (Tax Credit + of Deprec. Exp.) / Inv. Base)	x Federal Income Tax Rate)
15		(	1	- Federal Income Tax Rate)
16		= (	0.0842 + (0 + 0) / 39,722,545	x 0.35)
17		(	1	- 0.35)
18						
19		= 0.0453385				
20						
21						
22						
23	(c) State Income Tax	= (	Inv. E. AFUDC R.O.E. + (Tax Credit + of Deprec. Exp.) / Inv. Base)	+ Federal Income Tax		) * State Income Tax Rate
24		(	1	- State Income Tax Rate)
25		= (	0.0842 + (0 + 0) / 39,722,545	+ 0.0453385		) * 0.065
26		(	1	- 0.065)
27						
28		= 0.0090054				
29						
30						
31						
32						
33	(a)+(b)+(c) Cost of Capital Rate	= 0.1570439				
34						
35						
36						
37						
38		(LNS)				
39						
40	INVESTMENT BASE	\$ 39,722,545				
41						
42	x Cost of Capital Rate	0.1570439				
43						
44	= Investment Return and Income Taxes	6,238,183				

Sheet: Worksheet 3

Cambridge Electric Light Company (CEL)

LNS Revenue Requirements
Worksheet 3 of 10

Line No.	Description	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Transmission Plant</u>							
1	Transmission Plant	72,433,814		72,433,814		72,433,814	(d) Worksheet 5, line 1a, col 2
2	General Plant	4,919,234	27.3877% (a)	1,347,265	100.0000%	1,347,265	Page 207.83(b&g avg)
3	Total (line 1+2)			<u>73,781,079</u>		<u>73,781,079</u>	
4	<u>Transmission Plant Held for Future Use</u>	0		0	100.0000%	0	Page 214
<u>Transmission Accumulated Depreciation</u>							
5	Transmission Accum. Depreciation	25,630,001		25,630,001	100.0000%	25,630,001	Worksheet 9, line 123, col 3
6	General Plant Accum. Depreciation	185,723	27.3877% (a)	50,865	100.0000%	50,865	Worksheet 9, line 127, col 2
7	Total (line 6+7)			<u>25,680,866</u>		<u>25,680,866</u>	
<u>Transmission Accumulated Deferred Taxes</u>							
8	Accumulated Deferred Taxes (282)	21,017,882	47.4054% (c)	9,963,611	100.0000%	9,963,611	Page 274.2-275.2(b&k avg)
9	Accumulated Deferred Taxes (190) (N/A)	0	47.4054% (c)	0	100.0000%	0	Not Applicable
10	Total (line 8+9)			<u>9,963,611</u>		<u>9,963,611</u>	
11	<u>Transmission loss on Reacq. Debt (N/A)</u>	0	47.4054% (c)	0	100.0000%	0	Not Applicable
<u>Other Regulatory Assets/Liabilities</u>							
12	FAS 106 (N/A)	0	27.3877% (a)	0			Not Applicable
13	FAS 109 (N/A)	0	47.4054% (c)	0			Not Applicable
14	Other Regulatory Liabilities (N/A) (1)	0	47.4054% (c)	0			Not Applicable
14	Total (line 12+13+13.5)	<u>0</u>		<u>0</u>	100.0000%	<u>0</u>	
15	<u>Transmission Prepayments</u>	1,195,305	47.4054% (a)	566,639	100.0000%	566,639	Page 110.46(c&d avg)
16	<u>Transmission Materials and Supplies</u>	122,527		122,527	100.0000%	122,527	Worksheet 9, line 143, Col 2
17	<u>Cash Working Capital</u>						
18	Operation & Maintenance Expense					1,966,576	Worksheet 1, Lines 20 & 22
19	Administrative & General Expense					1,573,143	Worksheet 1, Line 21
20	Transmission Support Expense					3,634,500	Worksheet 1, Line 23
21	Subtotal (line 18+19+20)					7,174,219	
22						0.125	x 45 / 360
23	Total (line 21 * line 22)					<u>896,777</u>	

- (a) Worksheet 5 of 10, line 11
(b) Worksheet 5 of 10, line 3
(c) Worksheet 5 of 10, line 14
(d) LNS Facilities

'(1) Since "Other Regulatory Liabilities" are limited to offsetting the amounts of assets specifically associated with FAS 106 and FAS 109, the accounting for the amounts of regulatory liability was incorporated individually in the calculation of the net asset/liability amount for FAS 106 and FAS 109 reflected in lines 12 and 13.

Sheet: Worksheet 4

Cambridge Electric Light Company (CEL)

LNS Revenue Requirements
Worksheet 4 of 10

Line No.	Description	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Depreciation Expense</u>							
1	Transmission Depreciation	1,896,610		1,896,610	100.0000%	1,896,610	Worksheet 9, line 199, col 3
2	General Depreciation	97,277	27.3877% (a)	26,642	100.0000%	26,642	Worksheet 9, line 204, col 2
3	Total (line 1+2)			1,923,252		1,923,252	
4	<u>Amortization of Loss on Reacquired Debt</u>	0	47.4054% (c)	0	100.0000%	0	Not Applicable
5	<u>Amortization of Investment Tax Credits</u>	(56,952)	47.4054% (c)	(26,998)	100.0000%	(26,998)	Page 266.8f
<u>Property Taxes</u>							
6	Property Taxes	1,632,297	47.3380%	772,697	100.0000%	772,697	Page 263.6i
7	General Property Taxes	0	27.3877% (a)	0	100.0000%	0	
8	Total (line 1+2)			772,697		772,697	
<u>Transmission Operation and Maintenance</u>							
9	Operation and Maintenance (trans. only)	4,193,566		4,193,566	100.0000%	4,193,566	Worksheet 8, line 26, col 4
10	Transm.(support only) Elec by Others -#565	3,634,500		3,634,500	100.0000%	3,634,500	Worksheet 8, line 17, col 4
10a	Trans. Related Distrib. O&M Expenses	1,407,510		1,407,510	100.0000%	1,407,510	Worksheet 8, line 46, col 4
11	O&M less line 10	1,966,576		559,066	100.0000%	1,966,576	
<u>Transmission Administrative and General</u>							
13	Administrative and General	5,743,975					Page 323.168b
14	less General Advertising Expense (#930.1)	0					Page 323.162b
15	A&G [line 13 minus 14]	5,743,975	27.3877% (a)	1,573,143	100.0000%	1,573,143	
16	Other Taxes (Payroll Taxes)	334,650	27.3877% (a)	91,653	100.0000%	91,653	Footnote (d)
(a) Worksheet 5 of 10, line 11							
(b) Worksheet 5 of 10, line 3							
(c) Worksheet 5 of 10, line 14							
(d) Payroll taxes FERC Form 1, page 263.i ,263.1i							
	Federal Unemployment	0					
	FICA	0					
	Medicare	0					
	State Unemployment	0					
	Environmental	0					
	State Universal Health	0					
	Services Co. Allocation & A&G Capit.	334,650					
	Total	334,650					

Worksheet 5

Allocators

Line No.	Plant Investments reflect Beginning and Year end Averages	Amount	Reference
	Col 1	Col 2	Col 3
<u>LNS Transmission Plant Allocation Factor</u>			
1	Transmission Investment	23,481,248	Worksheet 9, line 19, col 3
	plus 13.8kv Distribution Investment Categorized as Trans.	48,952,566	Worksheet 9, line 60, col 3
1a		72,433,814	
2	Transmission Investment	23,481,248	Worksheet 9, line 19, col 3
	plus 13.8kv Distribution Investment Categorized as Trans.	48,952,566	Worksheet 9, line 60, col 3
2a		72,433,814	
3	Percent Allocation (line 1a/2a)	100.0000%	
<u>Transmission Wages and Salaries Allocation Factor</u>			
4	Direct Transmission Wages and Salaries	1,149,005	Worksheet 8, Line 60, col 5
5	Affiliated Company Transmission Wages and Salaries	0	Worksheet 6
6	Total Transmission Wages and Salaries (line 4+ 5)	1,149,005	
7	Total Wages and Salaries	5,510,144	Page 354.25b
8	Administrative and General Wages and Salaries	1,314,814	Page 354.24b
9	Affiliated Company Wages and Salaries less A&G	0	Worksheet 6
10	Total Wages and Salaries net of A&G (line 7 - 8 + 9)	4,195,330	
11	Percent Allocation (line 6/10)	27.3877%	
<u>Plant Allocation Factor</u>			
12	Total Transmission Investment	72,433,814	Worksheet 5, line 2a
	plus Transmission-Related General Plant (Line 2 of Wkst. 3)	1,347,266	Worksheet 9, line 63, col 3
12 Rev	= Revised Numerator	73,781,080	
13	Total Plant in Service (INCLUDING General Plant)	155,638,593	Page 207.88(b&g avg)
14	Percent Allocation (line 12 Rev / 13)	47.4054%	
<u>NET Transmission Plant Allocation Factor</u>			
15	Gross Transmission Investment (Including General Plant)	73,781,080	Worksheet 5, line 12 REV
16	Less Accum. Prov. for Trans. Depr. & Amort. (inc gen plt)	(25,680,866)	Worksheet 9, line 138, col 3
17	Net Transmission Investment	48,100,214	
18			
19	Net Transmission Investment	48,100,214	
20	Total Plant in Service	155,638,593	Worksheet 5, line 13
21	Less Accum. Prov. for Depreciation & Amortization	(54,028,356)	Worksheet 9, line 138, col 2
22	Net Plant investment	101,610,237	
23	Percent Allocation (line 19/22)	47.3380%	

Sheet: Worksheet 6

Affiliated Company Wages and Salaries

Shading denotes an input

Line		Cambridge	#REF!	#REF!
"Affiliated" Transmission Wages and Salaries #560 - 573				
1	560	0	0	0
2	562	0	0	0
3	564	0	0	0
4	566	0	0	0
5	568	0	0	0
6	569	0	0	0
7	570	0	0	0
8	571	0	0	0
9	572	0	0	0
10	573	0	0	0
11 = 1 thru 10	Total Transmission	0	0	0
12 = Total "Affiliated" Wages and Salaries				
		0	0	0
Less "Affiliated" Administrative and General Salaries #920 - 935				
13	920	0	0	0
14	921	0	0	0
15	923	0	0	0
16	925	0	0	0
17	926	0	0	0
18	928	0	0	0
19	930	0	0	0
20	935	0	0	0
21 = 13 thru 20		0	0	0
22 = 12 less 21	Total "Affiliated" less A&G	0	0	0

SHEET: WORKSHEET 7

Revenue Requirements
Worksheet 7 of 10

CAMBRIDGE ELECTRIC LIGHT COMPANY
2003 TRANSMISSION ACCOUNT 565 EXPENSES

Line	COMPANY	TOTAL SUPPORT PAYMENTS	WHEELING PAYMENTS	ISO PAYMENTS	LNS Payments	TOTAL	LNS directly connected support and wheeling expenses
	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7
1	BOSTON EDISON						
2	-----						
3	CANAL 1 TRANSFER (WHEELING)		\$0			\$0	
4	SOMERVILLE ST. #402 (SUPPORT)	\$288,000				\$288,000	\$288,000
5	SOMERVILLE ST. #509 (SUPPORT)	\$3,346,500				\$3,346,500	\$3,346,500
6	NON-FIRM (MISC) (WHEELING)					\$0	
7	TOTAL BOSTON EDISON	\$3,634,500	\$0			\$3,634,500	\$3,634,500
8							
9	COMMONWEALTH ELECTRIC (SUPPORT)						
10	-----						
11	LINE #331 EQUALIZER	\$194,919				\$194,919	
12	CANAL LINE SECTION A&B	\$94,281				\$94,281	
13	TOTAL COMMONWEALTH ELECTRIC	\$289,200	\$0			\$289,200	
14							
15	CANAL ELECTRIC (SUPPORT)						
16	-----						
17	HYDRO QUEBEC 1 N.E.E.T	\$79,203				\$79,203	
18	HYDRO QUEBEC 1 V.E.T	\$52,155				\$52,155	
19	HYDRO QUEBEC 2	\$725,198				\$712,952	
20	SEABROOK 1	\$0				\$0	
21	TOTAL CANAL ELECTRIC	\$856,556	\$0			\$856,556	
22							
23	ISO NEW ENGLAND						
24	-----						
25	SYSTEM RESTORATION(Blackstart)			\$80,457		\$80,457	
26	THROUGH OR OUT EXPENSE			\$0		\$0	
27	REGIONAL NETWORK SERVICE			\$4,669,785		\$4,669,785	
28	CONGESTION MGT CHARGES			\$5,168,618		\$5,168,618	
29	PHASE I & II UPLIFT CHARGES			\$0		\$0	
30	TOTAL ISO EXPENSE	\$0	\$0	\$9,918,860		\$9,918,860	
31							
32	LOCAL NETWORK SERVICE CHARGE					\$0	
33							
34	TOTAL TRANSMISSION PAYMENTS	<u>\$4,780,256</u>	<u>\$0</u>	<u>\$9,918,860</u>	<u>\$0</u>	<u>\$14,699,115</u>	<u>\$3,634,500</u>

2003 TRANSMISSION ACCOUNT 456 REVENUES RECEIVED

	COMPANY	TOTAL SUPPORT REVENUE	WHEELING REVENUE	ISO REVENUES	LNS Revenue	TOTAL	RNS revenues and any off-setting revenues received from use of directly connected facilities
35	Municipals		\$870,608			\$870,608	
36							
37							
38	<u>ISO NEW ENGLAND REVENUE</u>						
39	NEW ENGLAND POWER POOL (EHV-PTF)			\$0			
40	REGIONAL TRANSMISSION REVENUES			\$3,645,389			\$3,645,389
41	NEPOOL Scheduling and Dispatch			\$0			\$0
42	THROUGH OR OUT REVENUES			\$0			\$0
43	TOTAL ISO NEW ENGLAND REVENUE			\$3,645,389		\$3,645,389	\$3,645,389
44							
45	LOCAL NETWORK SERVICE REVENUE					\$0	
46							
47	GRAND TOTAL	<u>\$0</u>	<u>\$870,608</u>	<u>\$3,645,389</u>	<u>\$0</u>	<u>\$4,515,996</u>	<u>\$3,645,389</u>

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2003**

Revenue Requirements
Worksheet 8 of 10

Line	O&M Expenses	Labor (1)	Non Labor (2)	Total O&M (3)	Transmission & Dist. 13.8kv O&M (4)=(3)*Plant Ratios	Transmission & Dist. 13.8kv Labor (5)=(1)* O&M ratios
1	500 FERC Operation Supervision and Engineering	\$0	\$0	\$0		
2	501 FERC Summary Fuel	\$0	\$0	\$0		
3	502 FERC Summary Steam Expenses	\$0	\$0	\$0		
4	504 FERC Less Steam Transferred-Credit	\$0	\$0	\$0		
5	505 FERC Summary Electric Expense	\$0	\$0	\$0		
6	506 FERC Summary Misc. steam Power	\$0	\$0	\$0		
7	513 FERC Summary Maintenance of EI	\$0	\$0	\$0		
8	555 FERC Summary Purchased Power 5	\$0	\$100,357,776	\$100,357,776		
9	556 FERC Summary System Control &	\$30,608	\$19,888	\$50,496		
10	557 FERC Summary Other Expenses 55	\$0	\$5,781,634	\$5,781,634		
11	Production Total					
12	560 FERC Summary Operation, Superv	\$67,757	\$14,935	\$82,692	\$82,692	\$67,757
13	561 FERC Summary Load Dispatching	\$30,426	\$417,927	\$448,353	\$448,353	\$30,426
14	562 FERC Summary Station Expenses	\$4,936	\$11,853	\$16,789	\$16,789	\$4,936
15	563 FERC Summary Overhead Line Exp	\$0	\$0	\$0	\$0	\$0
16	564 FERC Summary Underground Line	\$0	\$0	\$0	\$0	\$0
17	565 FERC Summary Transmission of E	\$0	\$14,699,117	\$14,699,117	\$3,634,500	\$0
18	566 FERC Summary Misc. Transmissio	\$40	\$196	\$236	\$236	\$40
19	567 FERC Summary Rents	\$0	\$0	\$0	\$0	\$0
20	568 FERC Summary Maintenance, Supervision	\$1,351	\$0	\$1,351	\$1,351	\$1,351
21	569 FERC Summary Maintenance of Structures	\$2,955	\$0	\$2,955	\$2,955	\$2,955
22	570 FERC Summary Maintenance of station equip	\$245,166	(\$241,763)	\$3,403	\$3,403	\$245,166
23	571 FERC Summary Mainten. of overhead lines	\$365	\$2,909	\$3,274	\$3,274	\$365
24	572 FERC Summary Mainten. of Undergr. Lines	\$0	\$11	\$11	\$11	\$0
25	573 FERC Summary Maintenance of Misc. Plt.	\$0	\$0	\$0	\$0	\$0
26	Transmission Total	\$352,996	\$14,905,186	\$15,258,182	\$4,193,566	\$352,996
27	580 FERC Summary Operation, Superv	\$289,839	\$309,851	\$599,690	\$191,023	\$92,324
28	581 FERC Summary Load Dispatching	\$125,744	\$3,736	\$129,480		\$0
29	582 FERC Summary Station Expenses	\$287,505	\$504,859	\$792,364	\$319,436	\$115,906
30	583 FERC Summary Overhead Line Exp	\$126,409	\$74,219	\$200,628		\$0
31	584 FERC Summary Underground Line	\$209,642	\$21,603	\$231,245	\$126,935	\$115,077
32	585 FERC Summary Street Lighting &	\$3,623	\$331	\$3,954		\$0
33	586 FERC Summary Meter Expenses 58	\$193,385	\$68,255	\$261,640		\$0
34	587 FERC Summary Customer Install	\$43,522	\$2,904	\$46,426		\$0
35	588 FERC Summary Misc. Distributio	\$879,914	(\$262,352)	\$617,562	\$255,892	\$364,599
36	589 FERC Summary Rents 589	\$0	\$555,973	\$555,973	\$230,372	\$0
37	590 FERC Summary Supv & Engineering	\$4,329	(\$1,675)	\$2,654	\$884	\$1,442
38	591 FERC Summary Maintenance of St	\$2,798	\$4,930	\$7,728	\$7,250	\$2,625
39	592 FERC Summary Maint of Station	\$186,058	\$63,350	\$249,408	\$100,547	\$75,008
40	593 FERC Summary Maint of Overhead	\$78,000	\$37,194	\$115,194		\$0
41	594 FERC Summary Maint of Undergr. Lines	\$51,243	\$211,329	\$262,572	\$144,131	\$28,128
42	595 FERC Summary Maint of Line Transformers	\$0	\$1	\$1		\$0
43	596 FERC Summary Maint of Street Lighting	\$0	\$1	\$1		\$0
44	597 FERC Summary Meters	\$0	\$1	\$1		\$0
45	598 FERC Summary Maint of Misc Distribution	\$2,173	\$72,740	\$74,913	\$31,041	\$900
46	Distribution Total	\$2,484,184	\$1,667,252	\$4,151,436	\$1,407,510	\$796,009
47	901 FERC Summary Supervision 901	\$79,619	(\$553)	\$79,066		
48	902 FERC Summary Meter Reading Exp	\$285,179	\$59,017	\$344,196		
49	903 FERC Summary Customer Records	\$519,053	\$705,726	\$1,224,779		
50	904 FERC Summary Uncollectable Acc	\$0	\$375,423	\$375,423		
51	905 FERC Summary Misc. Customer Ac	\$265	\$86,304	\$86,569		
52	907 FERC Summary Supervision	\$1	\$0	\$1		
53	908 FERC Summary Customer Assistan	\$243,564	\$3,236,352	\$3,479,916		
54	909 FERC Summary Informational & I	\$0	\$21,045	\$21,045		
55	910 FERC Summary Misc. Customer Se	\$128,119	\$92,223	\$220,342		
56	911 FERC Summary Supervision 911	\$41,337	(\$3,705)	\$37,632		
57	912 FERC Summary A/C 912	\$2,566	\$15	\$2,581		
58	913 FERC Summary A/C 913	\$0	\$1	\$1		
59	916 FERC Summary Misc. Sales Expen	\$27,839	\$10,163	\$38,002		
60	Total (excl. A & G)	\$4,195,330	\$127,313,747	\$131,509,077	\$5,601,076	\$1,149,005
61	Administrative and General					
62	920 FERC Summary Admin & General S	\$1,526,116	\$0	\$1,526,116	\$417,968	\$417,968
63	921 FERC Summary Office Supplies &	\$3,418	\$975,713	\$979,131	\$268,162	\$936
64	922 FERC Summary Admin Expenses Tr	(\$215,190)	(\$311,790)	(\$526,980)	-\$144,328	(\$58,936)
65	923 FERC Summary Outside Services	\$39	\$267,532	\$267,571	\$73,282	\$11
66	924 FERC Summary Property Insuranc	\$0	\$125,129	\$125,129	\$34,270	\$0
67	925 FERC Summary Injuries & Damage	\$0	\$303,606	\$303,606	\$83,151	\$0
68	926 FERC Summary Employee Pension	\$431	\$2,583,871	\$2,584,302	\$707,782	\$118
69	928 FERC Summary Regulatory Commis	\$0	\$217,866	\$217,866	\$59,669	\$0
70	930.1 FERC Summary Gen. Ad Expens (set=0)	\$0	\$0	\$0	\$0	\$0
71	930.2 FERC Summary Misc. General Expens	\$0	\$64,881	\$64,881	\$17,769	\$0
72	931 FERC Summary Rents 931	\$0	\$202,352	\$202,352	\$55,420	\$0
73	935 FERC Summary Maint of General	\$0	\$0	\$0	\$0	\$0
74	Total A&G	\$1,314,814	\$4,429,161	\$5,743,975	\$1,573,144	\$360,098
75	Total	\$5,510,144	\$131,742,908	\$137,253,052	\$7,174,220	\$1,509,103
76						
77	Administrative and General Allocation			\$1,573,144		

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2003**

Revenue Requirements
Worksheet 9 of 10

Line	Col 1	Col 2	Col 3
1	PLANT IN SERVICE (Begin & Yr end Avg)	Total	Transmission & Dist. 13.8kv
2	INTANGIBLE PLANT		
3	303-MISC. INTANGIBLE PLANT	\$463,794	
4	TOTAL INTANGIBLE PLANT	463,794	
5	PRODUCTION PLANT		
6	314-GENERATORS	726,163	
7	315-ACCESSORY ELECTRIC EQUIPMENT	1,019,337	
8	TOTAL PRODUCTION PLANT	1,745,500	
9	TRANSMISSION PLANT		
10	350-LAND AND LAND RIGHTS	314,753	314,753
11	352-STRUCTURES AND IMPROVEMENTS	4,996,828	4,996,828
12	353-STATION EQUIPMENT	6,480,268	6,480,268
13	354-TOWERS AND FIXTURES	-	-
14	355-POLES AND FIXTURES	18,477	18,477
15	356-OH CONDUCTORS AND DEVICES	-	-
16	357-UNDERGROUND CONDUIT	6,153,760	6,153,760
17	358-UNDERGROUND CONDUCTORS AND DEVICES	5,517,162	5,517,162
18	359-ROADS AND TRAILS	-	-
19	TOTAL TRANSMISSION PLANT	23,481,248	23,481,248
20	DISTRIBUTION PLANT		
21	360-LAND AND LAND RIGHTS		
22	13.8Kv	125,152	125,152
23	PRIMARY	125,041	
24	TOTAL ACCOUNT 360	250,193	
25	361-STRUCTURES AND IMPROV.		
26	13.8Kv	2,513,590	2,513,590
27	PRIMARY	165,708	
28	TOTAL ACCOUNT 361	2,679,298	
29	362-STATION EQUIPMENT		
30	13.8Kv	15,047,933	15,047,933
31	PRIMARY	4,272,202	
32	SECONDARY	18,006,441	
33	TOTAL ACCOUNT 362	37,326,576	
34	364-POLES, TOWERS, FIXTURES		
35	PRIMARY CAPACITY	1,502,991	
36	SECONDARY CAPACITY	1,332,883	
37	TOTAL ACCOUNT 364	2,835,874	
38	365-OVERHEAD CONDUCTORS		
39	PRIMARY CAPACITY	3,230,915	
40	SECONDARY CAPACITY	3,012,541	
41	TOTAL ACCOUNT 365	6,243,456	
42	366-UNDERGROUND CONDUIT		
43	13.8Kv	9,437,855	9,437,855
44	PRIMARY	3,077,948	
45	SECONDARY	5,123,913	
46	TOTAL ACCOUNT 366	17,639,716	
47	367-UNDERGROUND CONDUCTORS		
48	13.8Kv	21,828,036	21,828,036
49	PRIMARY	8,139,078	

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2003**

**Revenue Requirements
Worksheet 9 of 10**

Line	Col 1	Col 2	Col 3
50	SECONDARY	9,352,102	
51	TOTAL ACCOUNT 367	39,319,216	
52	368-LINE TRANSFORMERS		
53	CAPACITY COMPONENT	4,176,431	
54	TOTAL ACCOUNT 368	4,176,431	
55	369-SERVICES		
56	CUSTOMER COMPONENT	7,670,007	
57	TOTAL ACCOUNT 369	7,670,007	
58	370-METERS	3,098,411	
59	373-STREET LIGHTING	3,789,640	
60	TOTAL DISTRIBUTION PLANT	125,028,818	48,952,566
61	GENERAL PLANT		
62	389-399 GENERAL PLANT		
63	TRANSMISSION (INC 13.8KV) COMPONENT	1,347,266	1,347,266
64	OTHER COMPONENT	3,571,967	
65	TOTAL GENERAL PLANT	4,919,234	
66			
67	TOTAL PLANT IN SERVICE (exc Gen Plt)	150,719,360	72,433,814
68	TOTAL PLANT IN SERVICE	155,638,593	73,781,080

ACCUMULATED PROVISION FOR DEPRECIATION

Total

69	INTANGIBLE PLANT		
70	303-MISC. INTANGIBLE PLANT	-	-
71	TOTAL INTANGIBLE PLANT	-	-
72	PRODUCTION PLANT		
73	314-GENERATORS	343,438	
74	315-ACCESSORY ELECTRIC EQUIPMENT	973,931	
75	TOTAL PRODUCTION PLANT	1,317,369	
76	TRANSMISSION PLANT		
77	352-STRUCTURES AND IMPROVEMENTS	1,582,850	1,582,850
78	353-STATION EQUIPMENT	2,786,995	2,786,995
79	354-TOWERS AND FIXTURES	-	-
80	355-POLES AND FIXTURES	13,149	13,149
81	356-OH CONDUCTORS AND DEVICES	-	-
82	357-UNDERGROUND CONDUIT	1,709,196	1,709,196
83	358-UNDERGROUND CONDUCTORS AND DEVICES	1,900,656	1,900,656
84	359-ROADS AND TRAILS	-	-
85	TOTAL TRANSMISSION PLANT	7,992,845	7,992,845
86	DISTRIBUTION PLANT		
87	361-STRUCTURES AND IMPROV.		
88	13.8Kv	1,443,732	1,443,732
89	PRIMARY	95,178	
90	TOTAL ACCOUNT 361	1,538,910	1,443,732
91	362-STATION EQUIPMENT		
92	13.8Kv	6,426,069	6,426,069
93	PRIMARY	1,824,401	

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2003**

Revenue Requirements
Worksheet 9 of 10

Line	Col 1	Col 2	Col 3
94	SECONDARY	7,689,470	
95	TOTAL ACCOUNT 362	15,939,939	6,426,069
96	364-POLES, TOWERS, FIXTURES		
97	PRIMARY CAPACITY	682,559	
98	SECONDARY CAPACITY	605,307	
99	TOTAL ACCOUNT 364	1,287,865	
100	365-OVERHEAD CONDUCTORS		
101	PRIMARY CAPACITY	1,037,752	
102	SECONDARY CAPACITY	967,611	
103	TOTAL ACCOUNT 365	2,005,363	
104	366-UNDERGROUND CONDUIT		
105	13.8Kv	4,275,327	4,275,327
106	PRIMARY	1,394,304	
107	SECONDARY	2,321,121	
108	TOTAL ACCOUNT 366	7,990,752	4,275,327
109	367-UNDERGROUND CONDUCTORS		
110	13.8Kv	5,492,028	5,492,028
111	PRIMARY	2,047,827	
112	SECONDARY	2,353,029	
113	TOTAL ACCOUNT 367	9,892,884	5,492,028
114	368-LINE TRANSFORMERS		
115	CAPACITY COMPONENT	1,676,700	
116	TOTAL ACCOUNT 368	1,676,700	
117	369-SERVICES		
118	CUSTOMER COMPONENT	2,580,727	
119	TOTAL ACCOUNT 369	2,580,727	
120	370-METERS	(129,679)	
121	373-STREET LIGHTING	1,477,315	
122	TOTAL DISTRIBUTION PLANT	44,260,777	17,637,156
123	Total Functional Plant Acc Dep	52,253,622	25,630,001
124	GENERAL PLANT DEPRECIATION		
125	389-399 GENERAL PLANT		
126	TRANSMISION (INC 13.8KV) COMPONENT	50,865	50,865
127	OTHER COMPONENT	134,857	
128	TOTAL GENERAL PLANT	185,723	50,865
129			
130			
131	TOTAL ACCUM. PROVISION FOR DEPRECIATION	53,756,713	25,680,866
132			
133	ACCUMULATED AMORTIZATION		
134	TRANSMISION (INC 13.8KV) COMPONENT	-	-
135	OTHER COMPONENT	271,643	
136	TOTAL ACCUMULATED AMORTIZATION	271,643	-
137			
138	TOTAL ACCUM. DEPRECIATION AND AMORTIZATION	54,028,356	25,680,866

ADDITIONS TO RATE BASE

Total

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2003**

Revenue Requirements
Worksheet 9 of 10

Line	Col 1	Col 2	Col 3
139	WORKING CAPITAL		
140	MATERIALS AND SUPPLIES		
141	TRANSMISSION & DISTRIBUTION	243,590	122,527
142	OTHER INVESTMENTS	-	0
143	TOTAL MATERIALS AND SUPPLIES	243,590	122,527
144	DEPRECIATION EXPENSE	Total	
145	INTANGIBLE PLANT		
146	303-MISC. INTANGIBLE PLANT	-	
147	TOTAL INTANGIBLE PLANT - DEPR EXP	-	
148	PRODUCTION PLANT		
149	314-GENERATORS	-	
150	315-ACCESSORY ELECTRIC EQUIPMENT	-	
151	TOTAL PRODUCTION PLANT - DEPR EXP	-	
152	TRANSMISSION PLANT		
153	352-STRUCTURES AND IMPROVEMENTS	108,880	108,880
154	353-STATION EQUIPMENT	176,263	176,263
155	354-TOWERS AND FIXTURES	-	-
156	355-POLES AND FIXTURES	916	916
157	356-OH CONDUCTORS AND DEVICES	-	-
158	357-UNDERGROUND CONDUIT	123,691	123,691
159	358-UNDERGROUND CONDUCTORS AND DEVICES	141,823	141,823
160	359-ROADS AND TRAILS	-	-
161	TOTAL TRANSMISSION PLANT - DEPR EXP	551,573	551,573
162	DISTRIBUTION PLANT		
163	361-STRUCTURES AND IMPROV.		
164	13.8Kv	67,364	67,364
165	PRIMARY	4,441	
166	TOTAL ACCOUNT 361	71,805	67,364
167	362-STATION EQUIPMENT		
168	13.8Kv	451,558	451,558
169	PRIMARY	128,200	
170	SECONDARY	540,336	
171	TOTAL ACCOUNT 362	1,120,094	451,558
172	364-POLES, TOWERS, FIXTURES		
173	PRIMARY CAPACITY	63,689	
174	SECONDARY CAPACITY	56,481	
175	TOTAL ACCOUNT 364	120,169	
176	365-OVERHEAD CONDUCTORS		
177	PRIMARY CAPACITY	136,025	
178	SECONDARY CAPACITY	126,831	
179	TOTAL ACCOUNT 365	262,857	
180	366-UNDERGROUND CONDUIT		
181	13.8Kv	214,239	214,239
182	PRIMARY	69,869	
183	SECONDARY	116,313	
184	TOTAL ACCOUNT 366	400,422	214,239
185	367-UNDERGROUND CONDUCTORS		

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2003**

Revenue Requirements
Worksheet 9 of 10

Line	Col 1	Col 2	Col 3
186	13.8Kv	611,875	611,875
187	PRIMARY	228,152	
188	SECONDARY	262,155	
189	TOTAL ACCOUNT 367	1,102,182	611,875
190	368-LINE TRANSFORMERS		
191	CAPACITY COMPONENT	128,634	
192	TOTAL ACCOUNT 368	128,634	
193	369-SERVICES		
194	CUSTOMER COMPONENT	302,198	
195	TOTAL ACCOUNT 369	302,198	
196	370-METERS	127,035	
197	373-STREET LIGHTING	238,387	
198	TOTAL DISTRIBUTION PLANT - DEPR EXP	3,873,783	1,345,037
199	Total Functional Plant Distribution Expense	4,425,356	1,896,610
200	GENERAL PLANT		
201	389-399 GENERAL PLANT		
202	TRANSMISION (INC 13.8KV) COMPONENT	26,642	26,642
203	OTHER COMPONENT	70,635	
204	TOTAL GENERAL PLANT	97,277	26,642
205			
206	TOTAL DEPRECIATION EXPENSE	4,522,633	1,923,252
207			
208	AMORTIZATION EXPENSE		
209	TRANSMISION (INC 13.8KV) COMPONENT	-	-
210	OTHER COMPONENT	-	
211			
212	TOTAL AMORTIZATION EXPENSE	-	-
213			
214			
215	TOTAL DEPRECIATION AND AMORTIZATION	4,522,633	1,923,252

Cambridge Electric Light Company
Support Expense & Revenue Detail
Cost Year 2003
Sheet 10

Col 1	Col 2	Col 3	Col 4	Col 5
			Includable	
Line	Description	Amount	Amount	Reference
1	Transmission Support Revenues (454)			
2	Assoc Co Rents - NSTAR (454002)	\$ 10,999	\$ -	
3	Assoc Co Rents - HEEC (454130)	880	-	
4	Assoc Co Rents - Canal (454170)	265	-	
5	Assoc Co Rents - MATEP (454717)	3,184	-	
6	Assoc Co Rents - Northwind (454730)	21	-	
7	Assoc Co Rents - Steam (454735)	2,198	-	
8	Assoc Co Rents - Hopkinton (454745)	1,131	-	
9	Assoc Co Rents NSTAR Com (454750)	2,494	-	
10	Mirant Kendall (454780)	531,570	531,570	
11	Rent - Property in Operation (454910)	112,268	-	
12	Total Transmission Support Revenues	<u>\$ 665,010</u>	<u>\$ 531,570</u>	Form 1, Page 300, line 19, Col b

Sheet: Worksheet 1

Commonwealth Electric Company
Annual Revenue Requirements of Transmission Facilities
for costs in 2003
OATT Transmission

LNS Revenue Requirements

Worksheet 1 of 7

		Attachment H		
		Reference	Amount	Reference
<u>Line</u>	<u>I. INVESTMENT BASE</u>	<u>Section:</u>		
1	Transmission Plant	I (A)(1)(a)	109,424,769	Worksheet 3, line 1 column 5
2	General Plant	I (A)(1)(b)	1,080,653	Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(c)	670,539	Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		111,175,961	
5	Accumulated Depreciation & Amortization	I (A)(1)(d)	50,505,496	Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(e)	11,758,430	Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt	N/A	-	Worksheet 3, line 11 column 5
8	Other Regulatory Assets	N/A	-	Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		48,912,035	
11	Materials & Supplies	I (A)(1)(f)	266,687	Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(g)	793,334	Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(h)	580,896	Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		50,552,952	
<u>II. REVENUE REQUIREMENTS</u>				
15	Investment Return and Income Taxes	I (A)(2)	6,287,321	Worksheet 2, line 44, Column 2
16	Depreciation & Amortization Expense	I (B)	3,772,255	Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	-	Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	(64,536)	Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	741,442	Worksheet 4, line 8 column 5
19.5	Other Taxes (Payroll Taxes Re-Classified)	I (E)	53,363	Worksheet 4, line 15 column 5
20	Operation & Maintenance Expense	I (F)	3,256,257	Worksheet 4, line 11 column 5
21	Administrative & General Expense	I (G)	697,998	Worksheet 4, line 14 column 5
22	Transmission Related Integrated Facilities Charge	N/A	-	
23	Transmission By Others Expense	I (H)	692,915	Worksheet 7, line 44, column 7
24	Transmission Related Expense from Generators	N/A	-	
25	Transmission Related Taxes and Fees Charge	N/A	-	
26			-	
27	Trans Rents Received from Electric Porperty	N/A	-	
28	Total Revenue Requirements (Line 15 thru 27)		\$ 15,437,015	

Sheet: Worksheet 2

Commonwealth Electric Company (CEC)
Annual Revenue Requirements
for costs in 2003

LNS Revenue Requirements
Worksheet 2 of 7

Line	Description	CAPITALIZATION 12/31/03	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6
1	LONG-TERM DEBT	\$ 236,000,000	43.00%	4.40%	1.89%	
2	PREFERRED STOCK	0	0.00%	0.00%	0.00%	0.00%
3	COMMON EQUITY	312,876,127	57.00%	11.25%	6.41%	6.41%
4						
5	TOTAL INVESTMENT RETURN	\$ 548,876,127	100.00%		8.30%	6.41%
6						
7						
8						
9	Cost of Capital Rate=					
10						
11	(a) Weighted Cost of Capital	=	0.0830			
12						
13						
14	(b) Federal Income Tax	=	$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. of Deprec. Exp.}}{\text{Eq. AFUDC}} \right) / \text{Inv. Base}}{1} \right) \times \frac{\text{Federal Income Tax Rate}}{\text{Federal Income Tax Rate}}$			
15						
16						
17		=	$\left(\frac{0.0641 + \left(\frac{0}{50,552,952} \right)}{1} \right) \times 0.35$			
18						
19						
20		=	0.0345154			
21						
22						
23	(c) State Income Tax	=	$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. of Deprec. Exp.}}{\text{Eq. AFUDC}} \right) / \text{Inv. Base}}{1} \right) + \frac{\text{Federal Income Tax}}{\text{State Income Tax Rate}} \times \text{State Income Tax Rate}$			
24						
25						
26		=	$\left(\frac{0.0641 + \left(\frac{0}{50,552,952} \right)}{1} \right) + 0.0345154 \times 0.065$			
27						
28						
29		=	0.0068556			
30						
31						
32						
33	(a)+(b)+(c) Cost of Capital Rate	=	0.1243710			
34						
35						
36						
37						
38			(LNS)			
39						
40	INVESTMENT BASE	\$ 50,552,952				
41						
42	x Cost of Capital Rate	0.1243710	Line 33			
43						
44	= Investment Return and Income Taxes	6,287,321				

Sheet: Worksheet 3a

Commonwealth Electric Company (CEC)

LNS Revenue Requirements
Worksheet 3 of 7

Line No.	Description	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Transmission Plant</u>							
1	Transmission Plant	109,424,769		109,424,769		109,424,769	(d) Page 207.58(b&g avg)
2	General Plant	46,684,514	2.3148% (a)	1,080,653	100.0000%	1,080,653	Page 207.90(b&g avg)
3	Total (line 1+2)			110,505,422		110,505,422	
4	<u>Transmission Plant Held for Future Use</u>	670,539		670,539	100.0000%	670,539	Page 214
<u>Transmission Accumulated Depreciation</u>							
5	Transmission Accum. Depreciation	50,146,538		50,146,538	100.0000%	50,146,538	Page 219.25b (Avg)
6	General Plant Accum. Depreciation	15,507,081	2.3148% (a)	358,958	100.0000%	358,958	Page 219.27b (Avg)
7	Total (line 6+7)			50,505,496		50,505,496	
<u>Transmission Accumulated Deferred Taxes</u>							
8	Accumulated Deferred Taxes (282)	73,348,990	16.0308% (c)	11,758,430	100.0000%	11,758,430	Page 274.2-275.2(b&k avg)
9	Accumulated Deferred Taxes (190) (N/A)	0	16.0308% (c)	0	100.0000%	0	Not Applicable
10	Total (line 8+9)			11,758,430		11,758,430	
11	<u>Transmission loss on Reacq. Debt (N/A)</u>	0	16.0308% (c)	0	100.0000%	0	Not Applicable
<u>Other Regulatory Assets/Liabilities</u>							
12	FAS 106 (N/A)	0	2.3148% (a)	0			Not Applicable
13	FAS 109 (N/A)	0	16.0308% (c)	0			Not Applicable
	Other Regulatory Liabilities (N/A) (1)	0	16.0308% (c)	0			Not Applicable
14	Total (line 12+13+13.5)	0		0	100.0000%	0	
15	<u>Transmission Prepayments</u>	4,948,811	16.0308% (a)	793,334	100.0000%	793,334	Page 110.46(c&d avg)
16	<u>Transmission Materials and Supplies</u>	266,687		266,687	100.0000%	266,687	Page 227.8(b&c avg)
17	<u>Cash Working Capital</u>						
18	Operation & Maintenance Expense					3,256,257	Worksheet 1, Line 20
19	Administrative & General Expense					697,998	Worksheet 1, Line 21
20	Transmission Support Expense					692,915	Worksheet 1, Line 23
21	Subtotal (line 18+19+20)					4,647,170	
22						0.125	x 45 / 360
23	Total (line 21 * line 22)					580,896	

(a) Worksheet 5, line 11

(b) Worksheet 5, line 3

(c) Worksheet 5, line 14

(d) LNS Facilities

'(1) Since "Other Regulatory Liabilities" are limited to offsetting the amounts of assets specifically associated with FAS 106 and FAS 109, the accounting for the amounts of regulatory liability was incorporated individually in the calculation of the net asset/liability amount for FAS 106 and FAS 109 reflected in lines 12 and 13.

Sheet: Worksheet 4

LNS Revenue Requirements
Worksheet 4 of 7

Commonwealth Electric Company (CEC)

Line No.	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Depreciation Expense</u>						
1	3,745,373		3,745,373	100.0000%	3,745,373	Page 336.7b
2	1,161,290	2.3148% (a)	26,882	100.0000%	26,882	Page 336.9b
3			3,772,255		3,772,255	
4	0	16.0308% (c)	0	100.0000%	0	Not Applicable
5	402,576	16.0308% (c)	64,536	100.0000%	64,536	Page 266.8f
<u>Property Taxes</u>						
6	5,481,685	13.5258%	741,442	100.0000%	741,442	Page 263.6i
7	0	2.3148% (a)	0	100.0000%	0	
8			741,442		741,442	
<u>Transmission Operation and Maintenance</u>						
9	21,203,578		21,203,578	1	21,203,578	Page 321.100b
10	17,947,321		17,947,321	1	17,947,321	Page 321.88b
10a	0		0	1	0	
11	3,256,257		3,256,257	100.0000%	3,256,257	
<u>Transmission Administrative and General</u>						
12	30,344,653					Page 323.168b
13	190,933					Page 323.162b
14	30,153,720	2.3148% (a)	697,998	100.0000%	697,998	
15	2,305,316	2.3148% (a)	53,363	100.0000%	53,363	Footnote (d)
 (a) Worksheet 5, line 11 (b) Worksheet 5, line 3 (c) Worksheet 5, line 14 (d) Payroll taxes FERC Form 1, page 263.i ,263.1i						
	0					
Federal Unemployment	0					
FICA	0					
Medicare	0					
State Unemployment	0					
Environmental	0					
State Universal Health	0					
Services Co. Allocation & A&G Capit.	2,305,316					
	0					
Total	2,305,316					

Sheet: Worksheet 5

Allocators

Line No.	Plant Investments reflect Beginning and Year end Averages	FERC Form 1 Reference
<u>LNS Transmission Plant Allocation Factor</u>		<u>Amount</u>
1	Transmission Investment	109,424,769
	plus Distribution Investment Categorized as Transmission	0
1a		109,424,769
2	Transmission Investment	109,424,769
	plus Distribution Investment Categorized as Transmission	0
2a		109,424,769
3	Percent Allocation (line 1a/2a)	100.0000%
<u>Transmission Wages and Salaries Allocation Factor</u>		
4	Direct Transmission Wages and Salaries	617,874
5	Affiliated Company Transmission Wages and Salaries	0
6	Total Transmission Wages and Salaries (line 4+ 5)	617,874
7	Total Wages and Salaries	32,787,039
8	Administrative and General Wages and Salaries	6,094,168
9	Affiliated Company Wages and Salaries less A&G	0
10	Total Wages and Salaries net of A&G (line 7 - 8 + 9)	26,692,871
11	Percent Allocation (line 6/10)	2.3148%
<u>Plant Allocation Factor</u>		
12	Total Transmission Investment	109,424,769
	plus Transmission-Related General Plant	1,080,653
12 Rev	= Revised Numerator	110,505,422
13	Total Plant in Service (<i>INCLUDING</i> General Plant)	689,331,894
14	Percent Allocation (line 12 Rev / 13)	16.0308%
<u>NET Transmission Plant Allocation Factor</u>		
15	Gross Transmission Investment (Including General Plant)	110,505,422
16	Less Accum. Prov. for Trans. Depr. & Amort. (inc gen plt)	(50,505,496)
17	Net Transmission Investment	59,999,926
18	plus Distribution Investment Categorized as Transmission	0
19	Revised Net Transmission Investment	59,999,926
20	Total Plant in Service	689,331,894
21	Less Accum. Prov. for Depreciation & Amortization	(245,736,884)
22	Net Plant investment	443,595,010
23	Percent Allocation (line 19/22)	13.5258%

Sheet: Worksheet 6

Affiliated Company Wages and Salaries

Shading denotes an input

Line		Amount	Amount	Amount
"Affiliated" Transmission Wages and Salaries				
#560 - 573				
1	560	0	0	0
2	562	0	0	0
3	564	0	0	0
4	566	0	0	0
5	568	0	0	0
6	569	0	0	0
7	570	0	0	0
8	571	0	0	0
9	572	0	0	0
10	573	0	0	0
11 = 1 thru 10	Total Transmission	0	0	0
12 =	Total "Affiliated" Wages and Salaries	0	0	0
Less "Affiliated" Administrative and General Salaries				
#920 - 935				
13	920	0	0	0
14	921	0	0	0
15	923	0	0	0
16	925	0	0	0
17	926	0	0	0
18	928	0	0	0
19	930	0	0	0
20	935	0	0	0
21 = 13 thru 20		0	0	0
22 = 12 less 21	Total "Affiliated" less A&G	0	0	0

SHEET: WORKSHEET 7

LNS Revenue Requirement

COMMONWEALTH ELECTRIC COMPANY
2003 TRANSMISSION ACCOUNT 565 EXPENSES

Line	COMPANY	TOTAL SUPPORT PAYMENTS	WHEELING PAYMENTS	ISO PAYMENTS	LNS Charge	TOTAL	LNS directly connected support and wheeling expenses
	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7
1	BOSTON EDISON (SUPPORT)						
2	-----						
3	STABILIZER LINE 342 PILG- MYLES STANDISH (CANAL 2 SUPPORT)	\$14,993					\$14,993
4	CARD STREET - LINE 336	\$12,330					\$12,330
5	JORDAN RD.-HOLBROOK, WALPOLE-MEDWAY (CANAL#2 SUPPORT)	\$654,480					\$654,480
6	TOTAL BOSTON EDISON	\$681,803	\$0			\$681,803	\$681,803
7							
8	CANAL ELECTRIC (SUPPORT)						
9	-----						
10	HYDRO QUEBEC 1	\$321,589				\$321,589	
11	HYDRO QUEBEC 2	\$1,776,238				\$1,776,238	
12	SEABROOK 1	\$0				\$0	
13	TOTAL CANAL ELECTRIC	\$2,097,827	\$0			\$2,097,827	
14							
15	SYSTEM IMPACT STUDIES						
16	-----						
17	MISCELLANEOUS		\$0			\$0	
18							
19	CENTRAL MAINE POWER (SUPPORT)						
20	-----						
21	WYMAN #4 -345KV	\$0					
22	WYMAN #4 -115KV	\$0					
23	TOTAL CENTRAL MAINE POWER	\$0	\$0			\$0	
24							
25							
26	MONTAUP ELECTRIC COMPANY						
27	-----						
28	BELL ROCK ROAD (WHEELING)		\$11,112			\$11,112	\$11,112
29	BELL ROCK ROAD (SUPPORT)	\$0				\$0	
30	LINE 331 EQUALIZER (SUPPORT)	\$0				\$0	\$0
31	TOTAL MONTAUP	\$0	\$11,112			\$11,112	\$11,112
32							
33	ISO NEW ENGLAND						
34	-----						
35	SYSTEM RESTORATION (Blackstart)			\$223,224		\$223,224	
36	THROUGH OR OUT EXPENSE			\$0		\$0	
37	REGIONAL NETWORK SERVICE			\$11,677,516		\$11,677,516	
38	CONGESTION MGT. CHARGES			\$3,255,839		\$3,255,839	
39	PHASE I & II UPLIFT CHARGES			\$0		\$0	
40	TOTAL ISO EXPENSE	\$0	\$0	\$15,156,579		\$15,156,579	
41							
42	LOCAL NETWORK SERVICE CHARGE					\$0	
43							
44	TOTAL TRANSMISSION PAYMENTS (ACCOUNT 565)	<u>\$2,779,630</u>	<u>\$11,112</u>	<u>\$15,156,579</u>	<u>\$0</u>	<u>\$17,947,320</u>	<u>\$692,915</u>

2003 TRANSMISSION ACCOUNT 456 REVENUES RECEIVED

Line	COMPANY	TOTAL SUPPORT REVENUE	WHEELING REVENUE	ISO REVENUES	DISTRIBUTION REVENUE	LNS Revenue	TOTAL
45	BOSTON EDISON	\$253,920					\$253,920
46	MONTAUP ELECTRIC	\$0					\$0
47	NEW ENGLAND POWER	\$47,040					\$47,040
48	TOTAL CARRYING COST	\$300,960	\$0				\$300,960
49							
50	PILGRIM OFF-SITE COSTS (Entergy)	\$0	\$0				\$0
51							
52	CAMBRIDGE ELECTRIC 345KV COSTS	\$154,554	\$0				\$154,554
53							
54	YANKEE COSTS						
55	-----						
56	MAINE YANKEE		\$0				\$0
57	CONNECTICUT YANKEE		\$0				\$0
58	VERMONT YANKEE		\$0				\$0
59	TOTAL YANKEE COSTS	\$0	\$0				\$0
60							
61	NON-AFFIL. UTILITY TRANS. REV. (NANTUCKET) Non-Firm PTP & MBTA (	\$0	\$395,231		\$0		\$395,231
62							
63	ISO NEW ENGLAND REVENUE						
64	-----						
65	NEW ENGLAND POWER POOL (EHV- PTF)			\$0			\$0
66	REGIONAL TRANSMISSION REVENUES			\$9,916,851			\$9,916,851
67	NEW ENGLAND POWER POOL Scheduling and Dispatch			\$184,009			\$184,009
68	THROUGH OR OUT REVENUES			\$0			\$0
69	TOTAL ISO NEW ENGLAND REVENUE	\$0	\$0	\$10,100,860			\$10,100,860
70							
71	LOCAL NETWORK SERVICE REVENUE						\$0
72							
73	TOTAL REVENUE RECEIVED	<u>\$455,514</u>	<u>\$395,231</u>	<u>\$10,100,860</u>	<u>\$0</u>	<u>\$0</u>	<u>\$10,951,606</u>